





# Recombinant Rat Vesicular glutamate transporter 2 (Slc17a6), partial

<b>Product Code</b>	CSB-YP867480RA
Abbreviation	Recombinant Rat Slc17a6 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JI12
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Rat Vesicular glutamate transporter 2(Slc17a6),partial
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 85% as determined by SDS-PAGE.
Purity Sequence	Greater than 85% as determined by SDS-PAGE.  SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS
	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN
Sequence	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS
Sequence Research Area	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS Others
Sequence  Research Area  Source	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS Others Yeast
Sequence  Research Area  Source  Target Names	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS  Others  Yeast Slc17a6
Sequence  Research Area  Source  Target Names  Expression Region	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS  Others  Yeast Slc17a6 499-582aa  Repeated freezing and thawing is not recommended. Store working aliquots at
Sequence  Research Area  Source  Target Names  Expression Region  Notes	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS  Others  Yeast Slc17a6  499-582aa  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Sequence  Research Area  Source  Target Names  Expression Region  Notes  Tag Info	SGEKQPWADPEETSEEKCGFIHEDELDEETGDITQNYINYGTTKSYGATSQEN GGWPNGWEKKEEFVQESAQDAYSYKDRDDYS  Others  Yeast Slc17a6  499-582aa  Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  C-terminal 6xHis-tagged

**Image** 

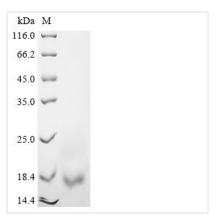


#### **CUSABIO TECHNOLOGY LLC**









(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The recombinant Rat Slc17a6 protein is produced by manipulating the expression of specific genes in Yeast cells. A DNA sequence encoding the Rat Slc17a6 protein (499-582aa) is fused to an expression vector and subsequently transformed into Yeast cells. The cells that successfully integrate the vector are selected and cultured to induce the expression of the desired protein. A Cterminal 6xHis tag is attached to the protein. The recombinant Rat Slc17a6 protein protein is then purified using affinity purification, achieving a purity level of over 85%, as confirmed by SDS-PAGE analysis.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

#### Shelf Life

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