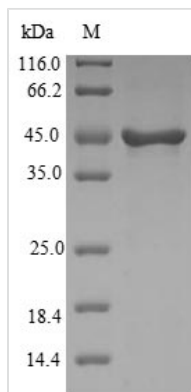




Recombinant Human Visinin-like protein 1 (VSNL1)

Product Code	CSB-EP025933HU
Relevance	Regulates the inhibition of rhodopsin phosphorylation in a calcium-dependent manner.
Abbreviation	Recombinant Human VSNL1 protein
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.	P62760
Alias	Hippocalcin-like protein 3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MGKQNSKLAPEVMEDLVKSTEFNEHELKQWYKGFLKDCPSGRLNLEEFQQLY VKFFPYGDASKFAQHAFRTFDKNGDGTIDFREFICALSITSRGSFEQKLNWAFN MYDLGDGDKITRVEMLEIIEAIYKMVGTVIMMKMNEDGLTPEQRVDKIFSKMDK NKDDQITLDEFKEAAKSDPSIVLLLQCDIQK
Research Area	Signal Transduction
Source	E.coli
Target Names	VSNL1
Protein Names	Recommended name: Visinin-like protein 1 Short name= VILIP Short name= VLP-1Alternative name(s): Hippocalcin-like protein 3 Short name= HLP3
Expression Region	1-191aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	49.0kDa
Protein Length	Full Length
Image	



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

Description

Recombination of a plasmid encoding the Human VSNL1 protein (1-191aa) is the first step during the production the recombinant Human VSNL1 protein. The constructed plasmid is introduced into e.coli cells. e.coli cells that can survive in the presence of a specific antibiotic are selected to be cultured for the induction of protein expression. The protein is equipped with a N-terminal GST tag. After expression, affinity purification is used to isolate and purify the recombinant Human VSNL1 protein from the cell lysate. Denaturing SDS-PAGE is then applied to resolve the resulting recombinant Human VSNL1 protein. Its purity exceeds 90%.

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

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.