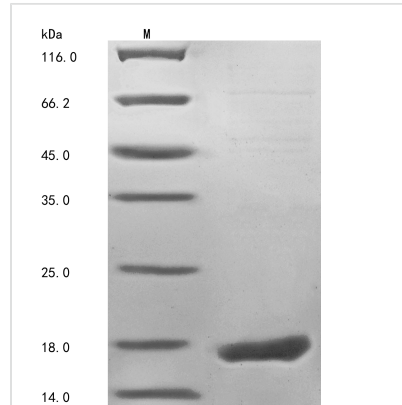




Recombinant Human Fragile X mental retardation 1 neighbor protein (FMR1NB), partial

Product Code	CSB-EP839771HU
Abbreviation	Recombinant Human FMR1NB 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.	Q8N0W7
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	LCSGSSYFVLANGHILPNSENAHGQSLEEDSALEALLNFFFPTTCNLRENQVA KPCNELQLDSESECLRHKCCFSSSGTTSFKCFAPFRDVPKQ
Research Area	Cancer
Source	E.coli
Target Names	FMR1NB
Protein Names	Recommended name: Fragile X mental retardation 1 neighbor protein Alternative name(s): Cancer/testis antigen 37 Short name= CT37 Sarcoma antigen NY-SAR-35
Expression Region	90-183aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	15.4 kDa
Protein Length	Partial

Image



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

Description

Constructing a plasmid that codes for the Human FMR1NB protein (90-183aa) is the initial step to yield the recombinant Human FMR1NB protein. The plasmid is then transferred into e.coli cells. Positive e.coli cells are selected and cultured for the protein expression. A N-terminal 10xHis tag and C-terminal Myc tag is fused to the protein. The affinity purification is used to purify the protein, and SDS-PAGE analysis is carried out to verify the presence and assess the purity of the protein. The protein possesses a purity exceeding 85%.

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.