

Datasheet for ABIN7559100
PREPL Protein (AA 1-725) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | PREPL |
| Protein Characteristics: | AA 1-725 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PREPL protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat Prepl Protein expressed in mammalien cells. |
| Sequence: | <p>MLQTAKFSLR ALKHSIPHLG NCMQKQSYRN VAGPYYSRVR LKKYHLTKCL QNKPRIAGLA RNIPSRSFSC KDLLPIKPES EKPISENMDA FEKVRTRLET QPQEEYEVN AEIKHGGFVY YQEGCCLVRS KDEEADSDNY EVLFNLEELK LDQPFIDCIR VAPDEKYVAA KIRTEDSETS TLVVVKLSAQ PVMEASFPNV SSFEWVKDEE DEDVLFYTFQ RNLRCHDVYR ATFGDNKRNE RFYTEKDPSY FVFLYLTKDS RFLTLNIMNK TTSEVWLIDG LSPWDPPVLI QKRIHGMLYY VEHRDDELYI LTNVGEPTF KLMRTAADAP AIMNWDLFFT MKRNTKVVDL DMFKDHCVLF LKHSNLLYVN VIGLADDSVR SLKLPPWACG FIMDTNSDPK NCPFQLCSPI RPPKYTYKF AEGKLFEEG HEDPITKTSR VLRIEAKSKD GKLVPMTVFH KTSEDLQRK PLLVHVYGY GMDLKMNFRP EKRVLVDDGW ILAYCHVRGG GELGLQWHAD GRLTKKLNGL ADLVACIKTL HSQGFSPSL TTLSAFSAGG VLVGALCNSK PELLRAVTLE APFLDVLNTM LDTTLPLTLE ELEEWGNPSS DEKHKNYIKR YCPCQNIKQ HYPVSVHITAY ENDERVPLKG IVNYTEKLKE</p> |

Product Details

AVAHTKAG EGYQPPNII DIQPGGNHVI EDSHKITTQ MKFLYEELGL DSTDAFEALK KYLKF

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PREPL

Alternative Name:

Prepl ([PREPL Products](#))

Background:

Prolyl endopeptidase-like (EC 3.4.21.-) (Prolylendopeptidase-like),FUNCTION: Serine peptidase whose precise substrate specificity remains unclear (PubMed:21692504). Does not cleave peptides after a arginine or lysine residue (By similarity). Regulates trans-Golgi network morphology and sorting by regulating the membrane binding of the AP-1 complex (PubMed:23321636). May play a role in the regulation of synaptic vesicle exocytosis (By similarity). {ECO:0000250|UniProtKB:Q4J6C6, ECO:0000269|PubMed:21692504, ECO:0000269|PubMed:23321636}.

Molecular Weight:

83.2 kDa

Target Details

UniProt: [Q8C167](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months