

Datasheet for ABIN7547389

ENGASE Protein (AA 1-743) (His tag)



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Overview

Quantity:	1 mg
Target:	ENGASE
Protein Characteristics:	AA 1-743
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENGASE protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ENGASE Protein expressed in mammalian cells.
Sequence:	<p>MEAAAVTVTR SATRRRRRQL QGLAAPEAGT QEEQEDQEPR PRRRRPGRSI KDEEEETVFR</p> <p>EVVSFSPDPL PVRYDKDTT KPISFYLSSL EELLAWKPRL EDGFNVALEP LACRQPPLSS</p> <p>QRPRTLCHD MMGGYLDDRF IQGSVVQTPY AFYHWQCIDV FVYFSHHTVT IPPVGWTNTA</p> <p>HRHGVCVLGT FITEWNEGGR LCEAFLAGDE RSYQAVADRL VQITQFFRFD GWLINIENSL</p> <p>SLAAVGNMPP FLRYLTTLQH RQVPGGLVLW YDSVVQSGQL KWQDELNQHN RVFFDSCDGF</p> <p>FTNYNWREEH LERMLGQAGE RRADVVGVD VFARGNVVGG RFDTDKSLEL IRKHGFSVAL</p> <p>FAPGWVYECL EKKDFFQNQD KFWGRLERYL PTHSICSLPF VTSFCLGMGA RRCYQGQEEA</p> <p>VGPWYHLSAQ EIQLPFGHR LGGDGRGWVR THCCLEDAWH GGSSLLVRGV IPPEVGNVAV</p> <p>RLFSLQAPVP PKIYLSMVYK LEGPTDVTVA LELTTGDAGS CHIGGISVLN AETSSRHSLR</p> <p>PLRVPPTKLA RWVGRCGRQL SGGWVQHCYE VSLRGCLLLD LLVCFSRPPG SREEESFTCR</p> <p>LGEIQVVDAA SLLAPLPQVQ AVTISHIRWQ PSASEREGPP ALLQLSCTLH WSFLLSQVRC</p> <p>FRIHCWGGMS DDSPGRELPR PEMPMFLGLA FATQYRIVDL LVEAAGPGQD RRMEFLVEPV</p>

Product Details

PKEGFRVPQA EWGRAVLLYS APA **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ENGASE

Alternative Name: ENGASE ([ENGASE Products](#))

Background: Cytosolic endo-beta-N-acetylglucosaminidase (ENGase) (EC 3.2.1.96),FUNCTION: Endoglycosidase that releases N-glycans from glycoproteins by cleaving the beta-1,4-glycosidic bond in the N,N'-diacetylchitobiose core. Involved in the processing of free oligosaccharides in the cytosol. {ECO:0000269|PubMed:12114544}.

Molecular Weight: 84.0 kDa

UniProt: [Q8NFI3](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. 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