

Recombinant Human ENGASE Protein (1-377 aa), His-SUMO-tagged

Cat. No. ENGASE-2407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENGASE Protein (1-377 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-377 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.1 kDa
AA Sequence	MEAAAVTVTRSATRRIIRRLQLQGLAAPEAGTQEEQEDQEPRPRRIIRPGRSIKDEEE ETVFREVVSFSPDPLPVRYDKDTTKPISFYLSLEELLAWKPRLEDGFNVALEPLAC RQPPLSSQRPRTLCHDMMGGYLDLDRFIQGSVVQTPYAFYHWQCIDVFVYFSHHTV TIPVVGWTNTAHRHGVCLVLTFTIEWNEGGRLCEAFLAGDERSYQAVADRLVQITQ FFRFDGWLINIENSLSLAAVGNMPPFLRYLTQLHRQVPGGLVLWYDSVVQSGQLK WQDELNQHNRVFFDSCDGFFTNYNWREEHLERMLGQAGERRADVVGVDVFARG

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	NVVGGRFDTDKSLELIRKHGFSVALFAPSCSVFPGVGNLLCC
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ENGASE endo-beta-N-acetylglucosaminidase [Homo sapiens]
Official Symbol	ENGASE
Synonyms	ENGASE;
Gene ID	64772
mRNA Refseq	NM_001042573.2
Protein Refseq	NP_001036038.1
MIM	611898

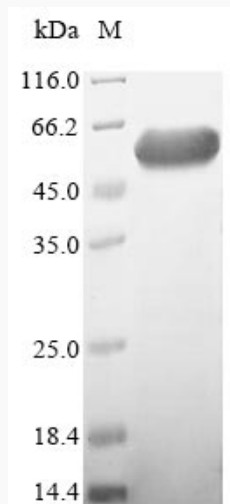
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UniProt ID

Q8NFI3



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

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