

Active Recombinant Full Length Human ENGASE Protein, C-Flag-tagged

Cat. No. ENGASE-77HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ENGASE Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a cytosolic enzyme which catalyzes the hydrolysis of peptides and proteins with mannose modifications to produce free oligosaccharides.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Enzyme activity
Molecular Mass	83.8 kDa
AA Sequence	MEAAAVTVTRSATRRIIRRLQLQGLAAPEAGTQEEQEDQEPRPRRRRPGRSIKDEEE ETVFREVVSFSPDPL PVRYDDKDTTKPISFYLSLEELLAWKPRLEDGFNVALEPLA CRQPPLSSQRPRTLCHDMMGGYLLDRF IQGSVVQTPYAFYHWQCIDVFVYFSHH TVTIPVVGWNTAHRHGVCLGTFTIEWNEGGRLCEAFLAGDE RSYQAVADRLVQI TQFFRFDGWLINIENSLSLAAVGNMPPFLRYLTTLQHRQVPGGLVLWYDSVVQSGQ L KWQDELNQHNRFVDFDSCDGGFTNYNWREEHLERMLGQAGERRADVYGVDFVFA RGNVVGGRFDTDKSLEL IRKHGFSVALFAPGWVYECLEKKDFFQNQDKFWGRLER YLPTHSICSLPFVTSFCLGMGARRVCYQGEEA VGPWYHLSAQEIQLFGEHRLGGD

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GRGWVRTHCCLEDAWHGGSSLLVRGVIPPEVGNVAVRLFSLQAPVP PKIYLSMVY
 KLEGPTDVTVALELTTGDAGSCHIGGISVLNAETSSRHSLRPLRVPTKLARWVGRC
 GRQL SGGWVQHCHYEVSRLRGCLLLDLLVCFSRPPGSREEESFTCRLGEIQVVDASL
 LAPLPQVQAVTISHIRWQ PSASEREGPPALLQLSCTLHWSFLLSQVRCFRIHCWGG
 MSDDSPGRELPRPEMPMFLGLAFATQYRIVDL
 LVEAAGPGQDRRMEFLVEPVPKEGFRVPQAEWGRAVLLYSAPATRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Other glycan degradation
Full Length	Full L.

GENE INFORMATION

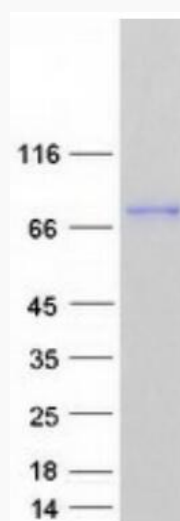
Gene Name	ENGASE endo-beta-N-acetylglucosaminidase [Homo sapiens (human)]
Official Symbol	ENGASE
Synonyms	DKFZp434P174; FLJ21865

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Gene ID	64772
mRNA Refseq	NM_001042573.3
Protein Refseq	NP_001036038.1
MIM	611898
UniProt ID	Q8NFI3



Coomassie blue staining of purified ENGASE protein.