

Product datasheet for **TP311494M**

ENGASE (NM_001042573) Human Recombinant Protein

Product data:

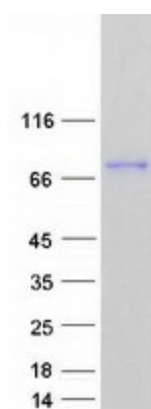
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human endo-beta-N-acetylglucosaminidase (ENGASE), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211494 representing NM_001042573 Red =Cloning site Green =Tags(s)
	<p>MEAAAVTVTRSATRRRRRQLQGLAAPEAGTQEEQEDQEPRPRRRRPGRSIKDEEEETVFREVVSFSPDPL PVRYYDKDTPKISFYLSLELLAWKPRLEDGFNVALEPLACRQPPLSSQRPRTLLCHDMMGGYLDDRF IQGSVVQTPYAFYHWQCIDVFVYFSHHTVTIPPVGTNTAHRHGVCVLGTFITWNEGGRLCEAFLAGDE RSYQAVADRLVQITQFFRFDGWLINIENSLSLAAVGNMPPFLRYLTTQLHRQVPGGLVLWYDSVVQSGQL KWQDELNQHNRFVFDSCDGFFTNYNWREEHLERMLGQAGERRADVVGVDVFARGNVVGGFRDFTDKSLEL IRKHGFSVALFAPGWVYECLEKKDFFQNQDKFWGRLERYLPTHSICSLPFVTSFCLGMGARRVCYGQEEA VGPWYHLSAQEIQPLFGEHRLGGDGRGWVRTHCCLEDAWHGGSSLLVRGVIPEVGNVAVRLFSLQAPVP PKIYLSMVYKLEGPTDVTVALETTGDAGSCHIGGISVLNAETSSRHSLRPLRVPPTKLARWVGRGCRQL SGGWVQHCYEVSLRGCLLLDLLVCFSRPPGSRREEESFTCRLGEIQVDAASLLAPLPQVAVTISHIRWQ PSASEREGPPALLQLSCTLHWSFLLSQVRCFRIHCWGGMSDDSPGRELPRPEMPMFLGLAFATQYRIVDL LVEAAGPGQDRRMEFLVEPVPKEGFRVPAEWGRAVLLYSAPA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	83.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Enzyme activity (PMID: 28512024)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001036038</u>
Locus ID:	64772
UniProt ID:	<u>Q8NFI3</u>
RefSeq Size:	4490
Cytogenetics:	17q25.3
RefSeq ORF:	2229
Summary:	This gene encodes a cytosolic enzyme which catalyzes the hydrolysis of peptides and proteins with mannose modifications to produce free oligosaccharides. [provided by RefSeq, Feb 2012]
Protein Pathways:	Other glycan degradation

Product images:



Coomassie blue staining of purified ENGASE protein (Cat# [TP311494]). The protein was produced from HEK293T cells transfected with ENGASE cDNA clone (Cat# [RC211494]) using MegaTran 2.0 (Cat# [TT210002]).