

Product datasheet for **TP311494L**

ENGASE (NM_001042573) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human endo-beta-N-acetylglucosaminidase (ENGASE), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211494 representing NM_001042573

Red=Cloning site Green=Tags(s)

MEAAAVTVTRSATRRRRRQLQGLAAPEAGTQEEQEDQEPRPRRRRPGRSIKDEEEETVFREVVSFSPDPL
PVRYDCKDTTKPISFYLSLEELLAWKPRLEDGFNVALEPLACRQPPLSSQRPRTLLCHDMMGGYLDLDRF
IQGSVVQTPYAFYHWQCIDVFVYFSHHTVTIPPVGTNTAHRHGVCVLGTFITWNEGGRLCEAFLAGDE
RSYQAVADRLVQITQFFRFDGWLINIENSLSLAAVGNMPPFLRYLTTQLHRQVPGGLVLWYDSVVQSGQL
KWQDELNQHNRVFFDSCDGFFTNYNWREEHLERMLGQAGERRADVVGVDVFARGNVVGGFRDFTDKSLEL
IRKHGFSVALFAPGWVYECLEKKDFFQNQDKFWGRLERYLPTHSICSLPFVTSFCLGMGARRVCYQEEA
VGPWYHLSAQEIQPLFGEHRLGGDGRGWVRTHCCLEDAWHGGSSLLVRGVIPEVGNVAVRLFSLQAPVP
PKIYLSMVYKLEGPTDVTVALELTTGDAGSCHIGGISVLNAETSSRHSLRPLRVPPTKLARWVGRGCRQL
SGGWVQHCEVSLRGCLLLDLLVCFSRPPGSRREEESFTCRLGEIQVDAASLLAPLPQVAVTISHIRWQ
PSASEREGPPALLQLSCTLHWSFLLSQVRCFRIHCWGGMSDDSPGRELPRPEMPMFLGLAFATQYRIVDL
LVEAAGPGQDRRMEFLVEPVPKEGFRVPAEWGRAVLLYSAPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

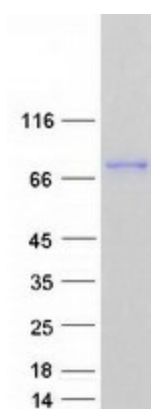
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



[View online »](#)

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:	NP_001036038
Locus ID:	64772
UniProt ID:	Q8NFI3
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]).