

Product datasheet for PH311494

ENGASE (NM_001042573) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ENGASE MS Standard C13 and N15-labeled recombinant protein (NP_001036038)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211494
Predicted MW:	83.8 kDa
Protein Sequence:	>RC211494 representing NM_001042573 Red=Cloning site Green=Tags(s)

MEAAAVTVTRSATRRRRRQLQGLAAPEAGTQEEQEDQEPRRRRRPGRSIKDEEEETVFREVVSFSPDPL
PVRYDQDTPKISFYLSSEELLAWKPRLLEDGFNVALEPLACRQPPLSSQRPRTLLCHDMMGGYLLDDRF
IQGSVVQTPYAFYHWQCIDVFVYFSSHHTVTIPVVGWNTAHRHGVCVLTGTFITWNEGGRLCEAFLAGDE
RSYQAVADRLVQITQFFRFDGWLINIENSLSLAAGNMPPFLRYLTTQLHRQVPGGLVLWYDSVVQSGQL
KWQDELNQHNRFVFDSCDGFFTNYNWRREEHLERMLGQAGERRADVVYGVDFARGNVVGGRFDTDKSLEL
IRKHGFSVALFAPGWVYECLEKKDFFQNDKFWGRLERYLPTHSICSLPFVTSFCLGMGARRVCYGGEEA
VGPWYHLSAQEIQPLFGEHRLGGDGRGWVRTHCCLEDAWHGGSSLLVRGVIPPEVGNVAVRLFSLQAPVP
PKIYLSMYYKLEGPDTVTVALELTTGDAGSCHIGGISVLNAETSSRHSRLRPLRVPPTKLARWVGRGRQL
SGGWVQHCYEVSLRGCLLDLLVCFSRPPGSREESFTCRLGEIQVDDAASLLAPLPQVAVTISHIRWQ
PSASEREGPALLQLSCTLHWSFLLSQVRCFRIHCWGGMSDDSPGRELPPEMPMFLGLAFATQYRIVDL
LVEAAGPGQDRRMEFLVEPVPKEGFRVPAEWGRAVLLYSAPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001036038



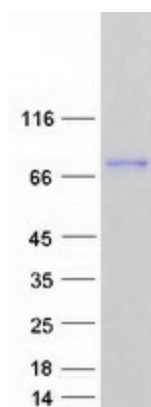
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RefSeq Size: 4490
RefSeq ORF: 2229
Locus ID: 64772
UniProt ID: [Q8NFI3](#)
Cytogenetics: 17q25.3

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]).