

Product datasheet for **TP515774**

Alg1 (NM_145362) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse asparagine-linked glycosylation 1 (beta-1,4-mannosyltransferase) (Alg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215774 representing NM_145362 Red =Cloning site Green =Tags(s)

MAASCVALLVLALLLVLLGLWKRGRQTGRARHMVWVVLGDVGRSPRMQYHALSLAQSGFSVTLLGFYN
SKPRDELLQNDRIRIVKLTDLRGLGAGPRILQYGVKVFQAVYLLWKMMRMDPAAYIFLQNPGLPAIAV
CWFVGCICGSKLVIDWHNYGYSIMGLVHGPRHPVLLAKWYKFFGRLSHLNLCVTNAMREDLAENWCVR
AVTLYDKPASFFKETPLDLQHELFMKLSHTYSPFQSCSDPSHPDTERSAFTERDCQSGVRRRLHGRPALL
VSSTSWTEDEDFSIILLRALEKFEQQALTGDLSPLVCVITGKGPLREHYRHLISQKHLQHVRFPWPWLEA
EDYPLLLGSADLGVCLHMSSGLDLPKVVDMFGCHLPVCAVNFKCLHELVRHGENGLVFKDAEELAAQL
QMLFSKFPDPAGKLSQFRKKLQESGQQRWDESWQHTVLPALLAHSQMTPRPHPPCGHPSCRGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	54.9 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
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_663337
Locus ID:	208211



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UniProt ID: [Q921Q3](#)

RefSeq Size: 1772

Cytogenetics: 16 A1

RefSeq ORF: 1446

Synonyms: HMAT1; HMT1

Summary: Participates in the formation of the lipid-linked precursor oligosaccharide for N-glycosylation. Involved in assembling the dolichol-pyrophosphate-GlcNAc(2)-Man(5) intermediate on the cytoplasmic surface of the ER (By similarity).[UniProtKB/Swiss-Prot Function]