

Product datasheet for **TP506559**

Alg2 (NM_019998) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse asparagine-linked glycosylation 2 (alpha-1,3-mannosyltransferase) (Alg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206559 protein sequence Red =Cloning site Green =Tags(s)

MAENLYRARSRVYSPSVLFLHPDMGIGGAERLVLDAALALQEYGC DVKIWTAHYDPNHCFIETRELSVQC
AGDWLPRSLGWGGRGAAICSYVRMVFLALYVFLFSGEEFDVVCDQVSACIPVFKLARRRKRVLFYCHFP
DLLLTQRNSALKKFYRAPIDWIEEYTTGMADRILVNSQYTASVFKETFKTLSHRNPDLVPSLNI GSFDL
AYPEKIDDLVPGKGQFLFLSINRYERKKNLPLALRSLVQLRNRLPSQEWDKVHLFMAGGYDDRIPENVEH
YKELKKMVQESDLERHVTFLRSFSDRQKISLLHGCLCVLYTPSNEHFGIVPLEAMYMQCPVIAVNNGGPL
ESIVHKVTGFLCEPDPVHFSEAMEKFIHKPSLKATMGLAGKARVAEKFSADAFADQLYQYVTKLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	47.4 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_064382
Locus ID:	56737
UniProt ID:	Q9DBE8



[View online »](#)

RefSeq Size:	3062
Cytogenetics:	4 B1
RefSeq ORF:	1248
Synonyms:	1110018A23Rik; 1300013N08Rik; ALPG2; CDGII; MNCb-5081
Summary:	Mannosylates Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate.[UniProtKB/Swiss-Prot Function]