

Product datasheet for TP510139

Gbe1 (NM_028803) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glucan (1,4-alpha-), branching enzyme 1 (Gbe1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210139 protein sequence Red=Cloning site Green=Tags(s)

MAAPAAPAAGETGPDARLEAALADVPELARLLEIDPYLKPFAADFQRRYKKFSQVLHDIGENEGGIDKFS
RGYESFGIHRCSDDGGIYCKEWAPGAEGVFLTGEFSGWNPFSHPYKKLEYGKWELYIPPKQNKSPHIPHGS
KLVVITSKSGEILYRISPWAKYVVRENNNVNYDWIHWAPEDPYKFKHSRPPKPRSLRIYESHVGISSHE
GKIASYKHFTSNVLPRIKDLGYNCIQLMAIMEHAYYASFGYQITSFFAASSRYGTPEELKELVDTAHSMG
IVLLDWWHSHASKNSEDGLNMFDDGTDSCYFHSRPRGTHDLWDSRFLIYSSWEVLRFLLSNIRWWLEEYC
FDGFRFDGVTSMLYHHHGMGQGFSGDYNEYFGLQVDEDALIYMLANHLAHTLYPDSITIAEDVSGMPAL
CSPTSQGGGGFDYRLAMAIPDKWIQLLKEFKDEDWNMGNIVYTLNRRYLEKCVAYAESHQALVGDKTL
AFWLMDAEMYTNMSVLAPFTVIDRGIQLHKMIRLITHGLGGEGYLNFMGNEFGHPWLDFFPRKGNNESY
HYARRQFNLTDDDLLRYKFLNNFDRDMNRLEERCWLSAPQAYVSEKHEANKTITFERAGLLFIFNFHPS
KSYTDYRVGTATPGKFKIVLDSAAEYGGHQRLDHNTNYFAEAFEHNGRPPYSLLVYIPSRVALILQNVDL
QN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	80.4 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.



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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_083079
Locus ID:	74185
UniProt ID:	Q9D6Y9
RefSeq Size:	2988
Cytogenetics:	16 40.19 cM
RefSeq ORF:	2109
Synonyms:	2310045H19Rik; 2810426P10Rik; D16Erttd536e
Summary:	Required for normal glycogen accumulation. The alpha 1-6 branches of glycogen play an important role in increasing the solubility of the molecule.[UniProtKB/Swiss-Prot Function]