

Product datasheet for TP510236

Agb15 (BC057349) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ATP/GTP binding protein-like 5 (cDNA clone MGC:67138 IMAGE:6813901), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210236 protein sequence Red=Cloning site Green=Tags(s)

MNMNKQSKLYSQGMAPFVRTLPSRPRWERIRERPTFEMTETQFVLSFVHRFVEGRGATTTFFAFCYPFSYS
DCQDLLSQLDQRFSENYSTHSSPLDSIYYHRELLCYSLDGLRVDLLTITSCHGLRDDREPRLEQLFPDLG
TPRPFRTGKRIFFLSSRVHPGETPSSFVFNGLDFILRPDDPRAQTLRRLVFVKLIPMLNPDGVVRGHY
RTDSRGVNLNRQYLKPDVAVLHPAIYGAKAVLLYHHVHSRLNAKSPTNQPTLHLPPEAPLSDLEKANNLH
NEAHLGQSPDGENPATWPETEPAAEKTDPVWLMPPQPIPELEEPAPDTIPPKESGVAYYVDLHGHASKRGC
FMYGNSFSDESTQVENMLYPKLISLNSAHFDFQGCNFKSEKNMYARRDRDQGSKEGSGRVAIYKASGIIHS
YTLECNNTGRSVNSIPAACHDNGRASPPPPPAFSPRYTVLFEQVGRAMAIAALDMAECNPWPRIVLSE
HSSLTNLRAWMLRHVRNSRGLTSAGNMGASKKRGARTPPKSNNSLPVSCSENASRVRFSSTGTSTGGSS
SSQQNSPQMKNSPSPFPHGSRTAGLPGLGSSTQKVSHRVLGPVREPRCSDRRRRQQLNHRSTTSSLAPS
PTLASSGPTSSRNMGSCLLPNSLSLSGSSCSFSSSGDKPEAVMVGKSLLGAGARIPCIRTRLQTPLSLP
DAPQPQPTSFGFPTRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	79.5 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.
Locus ID:	231093
UniProt ID:	Q09M02
RefSeq Size:	3332
Cytogenetics:	5 B1
RefSeq ORF:	2148
Synonyms:	4930455N08; 9430057O19Rik; CCP5
Summary:	Metalloprotease that mediates protein deglutamylation. Specifically catalyzes the deglutamylation of the branching point glutamate side chains generated by post-translational glutamylation in proteins such as tubulins (PubMed:20519502, PubMed:21074048). In contrast, it is not able to act as a long-chain deglutamylase that shortens long polyglutamate chains, a process catalyzed by AGTPBP1/CCP1, AGL2/CCP2, AGL3/CCP3, AGL1/CCP4 and AGL4/CCP6 (PubMed:25103237). Mediates deglutamylation of CGAS, regulating the antiviral activity of CGAS (PubMed:26829768).[UniProtKB/Swiss-Prot Function]