

## Product datasheet for TP309622M

### GAB1 (NM\_207123) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GRB2-associated binding protein 1 (GAB1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209622 protein sequence Red=Cloning site Green=Tags(s)

MSGGEVVCSGWLRKSPPEKCLKRYAWKRRWFVLRSGRLTGDPDVLEYYKNDHAKKPIRIIDLNLCCQVDA  
GLTFNKKEFENSYIFDINTIDRIFYLVADSEEMNKWVRCICDICGFNPTEEDPVKPPGSSLQAPADLPL  
AINTAPPSTQADSSATLPPPYQLINVPHPLETGLIQEDPQDYLLINCQSKKPEPTRTHADSAKSTSSE  
TDCNDNVPSHKNPASSQSKHGMNGFFQQMIYDSPSRAPSASVDSSLYNLPRSYSHDVLPKVSPSSTE  
DGELYVFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTLGQTSKLDITIPDIPPRPPKPHP  
AHDRSPVETCSIPRTASDTDSSYCIPTAGMSPSRSTISTVDLNKLRKDASSQDCYDIPRAFPSDRSSSL  
EGFHNHFVKVKNVLTVGSVSSEELDENYVPMNPNPPRQHQSSSFTEPIQEANYVPMTPGTFDFSSFGMQVP  
PPAHMGRSSPKTPRRPVPVADCEPPPVDRLNPKDRKGQSPKILRLKPHGLERTDSQTIGDFATRRKVK  
PAPLEIKPLPEWEELQAPVRSPIRFSFARDSSRFPMSPRPDSVHSTTSSSDSHDSEENYVPMNPNLSSD  
PNLFGNSLDGGSSPMIKPKGDKQVEYLDLDSLGSKSTPPRKQKSSGSGSSVADERVDYVVVDQQKTLAL  
KSTREAWTDGRQSTESETPAKSVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

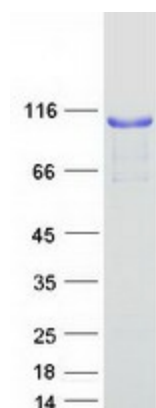
Tag:	C-Myc/DDK
Predicted MW:	79.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_997006</a>
<b>Locus ID:</b>	2549
<b>UniProt ID:</b>	<a href="#">Q13480</a> , <a href="#">Q9HA84</a>
<b>RefSeq Size:</b>	7926
<b>Cytogenetics:</b>	4q31.21
<b>RefSeq ORF:</b>	2172
<b>Synonyms:</b>	DFNB26
<b>Summary:</b>	The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	ErbB signaling pathway, Neurotrophin signaling pathway, Renal cell carcinoma

### Product images:



Coomassie blue staining of purified GAB1 protein (Cat# [TP309622]). The protein was produced from HEK293T cells transfected with GAB1 cDNA clone (Cat# [RC209622]) using MegaTran 2.0 (Cat# [TT210002]).