

Product datasheet for **TP505488**

Gnaq (NM_008139) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanine nucleotide binding protein, alpha q polypeptide (Gnaq), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205488 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTLESIMACCLSEEAKEARRINDEIERQLRRDKRDARRELKLLLLGTGESGKSTFIKQMRIHSGYSDED KRGFTKLVIYQNIPTAMQAMIRAMDTLKIPYKYEHNKAHAQLVREVDVEKVSFENPYVDAIKSLWNDPGI QECYDRRREYQLSDSTKYLLNDLDRVADPSYLPQQDVLVVRVPTTGIIIEYPFDLQSVIFRMVDVGGQRS ERRKWIHCFENVTSIMFLValseyDQVLVESDNENRMEESKALFRTIITYPWFQNSSVILFLNKKDLLEE KIMYSHLVDYFPEYDGPQRDAQAAREFILKMFVDLNPDSKIIYSHFTCATDTENIRFVFAAVKDTILQL NLKEYNLV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42 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_032165
Locus ID:	14682
UniProt ID:	P21279 , Q3UHH5



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RefSeq Size:	5634
Cytogenetics:	19 11.01 cM
RefSeq ORF:	1077
Synonyms:	1110005L02Rik; 6230401I02Rik; AA408290; AW060788; Dsk1; Dsk10; Galphaq; Gq; Gql
Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates chemotaxis of BM-derived neutrophils and dendritic cells (in vitro).[UniProtKB/Swiss-Prot Function]