

Product datasheet for TP502705

Gap43 (NM_008083) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse growth associated protein 43 (Gap43), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202705 representing NM_008083 Red =Cloning site Green =Tags(s)
	MLCCMRRTKQVEKNDEDQKIEQDGVKPEDKAHKAATKIQASFRGHITRKKLKGEKKGDAPAAEAEAKEKD DAPVADGVEKKEGDGSATDDAAPATSPKAEEPSKAGDAPSEEKKGEGDAAPSEEKAGSAETESAATTD NSPSSKAEDGPAKEPKQADVPAAVTDAAATTPAAEDAATKAAQPPTETAESSQAEEEEKDAVDEAKPKES ARQDEGKEDPEADQEHA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.1 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_032109
Locus ID:	14432
UniProt ID:	P06837
RefSeq Size:	1316



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Cytogenetics:	16 28.37 cM
RefSeq ORF:	681
Synonyms:	B-50; Basp2; GAP-43
Summary:	This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons. Plays a role in axonal and dendritic filopodia induction.[UniProtKB/Swiss-Prot Function]