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Product datasheet for TP510068

Gucy1a1 (NM_021896) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse guanylate cyclase 1, soluble, alpha 1 (Gucy1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210068 protein sequence Red=Cloning site Green=Tags(s) MFCRKFKDLKITGECPFSLLAPGQVPKEPTEEVAGGSEGCQATLPICQYFPEKNAEGSLPQRKTSRNRVY LHTLAESICKLIFPECERLNLALQRTLAKHKIEENRKSSEKEDLEKIIAEEAIAAGAPVEALKDSLGEEL FKICYEEDEHILGVVGGTLKDFLNSFSTLLKQSSHCQEAERRGRLEDASILCLDKDQDFLNVYYFFPKRT TALLLPGIIKAAARILYESHVEVSLMPPCFRSDCTEFVNQPYLLYSVHVKSTKPSLSPGKPQSSLVIPAS LFCKTFPFHFMLDRDLAILQLGNGIRRLVNKRDFQGKPNFEEFFEILTPKINQTFSGIMTMLNMQFVIRV RRWDNSVKKSSRVMDLKGQMIYIVESSAILFLGSPCVDRLEDFTGRGLYLSDIPIHNALRDVVLIGEQAR AQDGLKKRLGKLKATLEHAHQALEEEKKRTVDLLCSIFPSEVAQQLWQGQIVQAKKFSEVTMLFSDIVGF TAICSQCSPLQVITMLNALYTRFDQQCGELDVYKVETIGDAYCVAGGLHRESDTHAVQIALMALKMMELS NEVMSPHGEPIKMRIGLHSGSVFAGVVGVKMPRYCLFGNNVTLANKFESCSVPRKINVSPTTYRLLKDCP GFVFTPRSREELPPNFPSDIPGICHFLDAYHHQGPNSKPWFQDKDVEDGNANFLGKASGID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	77.6 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.

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RefSeq:	NP_068696
Locus ID:	60596
UniProt ID:	Q9ERL9
RefSeq Size:	4671
Cytogenetics:	3 E3
RefSeq ORF:	2076
Synonyms:	1200016O07Rik; sGC-alpha1