

Recombinant Human GTPBP10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GTPBP10-541H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GTPBP10 MS Standard C13 and N15-labeled recombinant protein (NP_149098) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction.
Molecular Mass	42.9 kDa
AA Sequence	MVHCSCVLFRKYGNFIDKLRLFTRGGSGGMGYPRLGEGGKGGDVWVVAQNRMT LKQLKDRYPGKRFBVAGVGANSKISALKGSKGKDWEIPVPVGISVTDENGKIIGELNKE NDRILVAQGGLGGKLLTNFLPLKGQKRRIIHLDLKLIADVGLVGFNPAGKSSLLSCVSHA KPAIADYAFTTLKPELGKIMYSDFKQISVADLPGLIEGAHMNKGMGHKFLKHIERTRQ LLFVVDISGFQLSSHTQYRTAFETIILLTKELELYKEELQTKPALLAVNKMDLPDAQDK FHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEGIEELKNCIRKSLDEQA NQENDALHKKQLLNWLWSDTMSSTEPSPKHAVTTSKMDIITRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GTPBP10 GTP binding protein 10 [Homo sapiens (human)]
Official Symbol	GTPBP10
Synonyms	GTPBP10; GTP-binding protein 10 (putative); GTP-binding protein 10; DKFZP686A10121; FLJ38242; protein obg homolog 2; ObgH2; UG0751c10; MGC104191; DKFZp686A10121;
Gene ID	85865
mRNA Refseq	NM_033107
Protein Refseq	NP_149098
MIM	610920
UniProt ID	A4D1E9

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