

Product datasheet for **TP761131**

RASGRP3 (NM_170672) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human RAS guanyl releasing protein 3 (calcium and DAG-regulated) (RASGRP3), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length RASGRP3
Tag:	N-GST and C-His
Predicted MW:	104.2 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.
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_733772
Locus ID:	25780
UniProt ID:	Q8IV61
RefSeq Size:	4711
Cytogenetics:	2p22.3
RefSeq ORF:	2070
Synonyms:	GRP3



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Summary:

The protein encoded by this gene is a guanine nucleotide exchange factor that activates the oncogenes HRAS and RAP1A. Defects in this gene have been associated with systemic lupus erythematosus and several cancers. [provided by RefSeq, Mar 2017]

Protein Pathways:

B cell receptor signaling pathway, MAPK signaling pathway

Product images: