

## Product datasheet for **TP312668**

### MOG1 (RANGRF) (NM\_016492) Human Recombinant Protein

#### Product data:

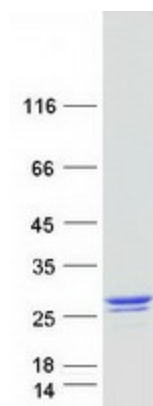
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAN guanine nucleotide release factor (RANGRF), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212668 representing NM_016492 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MEPTRDCPLFGGAFFSAILPMGAIDVSDLRPVPDNQEVFCHPVTQSLIVELLELAHVHRGEAAARYHFED VGGVQGARAVHVESVQPLSLENLALRGRCQEAWSLGSQKQIAKENQQVAKDVTLLHQALLRLPQYQTDLL L TFNQPPPDNRSSLGPENLSPAPWSLGDFEQLVTSLLHDPNIFGPQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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:	<u><a href="#">NP_057576</a></u>
Locus ID:	29098
UniProt ID:	<u><a href="#">Q9HD47</a></u>



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RefSeq Size:	847
Cytogenetics:	17p13.1
RefSeq ORF:	558
Synonyms:	HSPC165; HSPC236; MOG1; RANGNRF
Summary:	This gene encodes a protein that has been shown to function as a guanine nucleotide release factor in mouse and to regulate the expression and function of the Nav1.5 cardiac sodium channel in human. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010]

### Product images:



Coomassie blue staining of purified RANGRF protein (Cat# TP312668). The protein was produced from HEK293T cells transfected with RANGRF cDNA clone (Cat# [RC212668]) using MegaTran 2.0 (Cat# [TT210002]).