

Product datasheet for PH312668

MOG1 (RANGRF) (NM_016492) Human Mass Spec Standard

Product data:

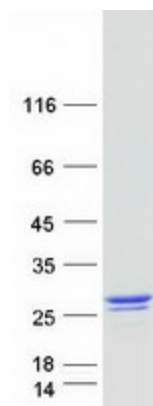
Product Type:	Mass Spec Standards
Description:	RANGRF MS Standard C13 and N15-labeled recombinant protein (NP_057576)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212668
Predicted MW:	20.3 kDa
Protein Sequence:	<p>>RC212668 representing NM_016492</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEPTRDCPLFGGAFSAILPMGAIDVSDLRPVPDNQEVFCHPVTDSLVLELLELQAHVRGEAAARYHFED VGGVQGARAHVHVESVQPLSLENLALRGRCQEAWSLGGKQQAIAKENQQVAKDVTLLHQAALLRLPQYQTDLLL TFNQPPDNRSSLGPENLSPAPWSLGDFEQLVTSLLHDPNIFGPQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057576
RefSeq Size:	847
RefSeq ORF:	558
Synonyms:	HSPC165; HSPC236; MOG1; RANGNRF
Locus ID:	29098
UniProt ID:	Q9HD47


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Cytogenetics: 17p13.1

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]).