

AR50444PU-N**Human RANGRF / MOG1 (1-186, His-tag) - Purified**

Alternate names:	HSPC165, HSPC236, MDS5, MOG1, RANGNRF, Ran guanine nucleotide release factor, RanGNRF
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	RANGRF is 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.
Uniprot ID:	Q9HD47
NCBI:	NP_057576.2
GeneID:	29098
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT
Description:	Recombinant human RANGRF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMEPTRD CPLFGGAFSA ILPMG AIDVS DLRPVPDNQE VFCHPVTQSLIVELLELQAHVRGEAAARYHFEDVGGVQGARAVHVESVQPLSLENLALR GRCQEAWVLS GKQQIAKENQ QVAKDVTLHQ ALLRLPQYQT DLLLT FNQPP PDNRSSLGPE NLS PAPWSLG DFEQLVTSLT LHDPNIFGPQ Molecular weight: 23.0 kDa (210aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Olesen, M.S., et al. (2011) Can J Cardiol 27 (4), 523 Kattygnarath, D., et al. (2011) Circ Cardiovasc Genet 4 (3), 261-268.

Pictures:

