

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

Cat. No. RANGRF-4421H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RANGRF MS Standard C13 and N15-labeled recombinant protein (NP_057576) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20.3 kDa
AA Sequence	MEPTRDCPLFGGAFFSAILPMGAIDVSDLRPVPDNQEVFCHPVTQSLIVELLEQLAH VRGEAAARYHFEDVGGVQGARAVHVESVQPLSLENLALRGRCQEAWVLSGKQQA KENQQVAKDVTLLHQALLRLPQYQTDLLLTFNQPPPDNRSSLGPENLSPAPWSLGDF EQLVTSLLHDPNIFGPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

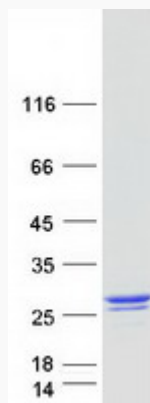
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	RANGRF RAN guanine nucleotide release factor [Homo sapiens (human)]
Official Symbol	RANGRF
Synonyms	RANGRF; RAN guanine nucleotide release factor; ran guanine nucleotide release factor; HSPC165; HSPC236; MOG1; MOG1 homolog (S. cerevisiae); RANGNRF; MOG1 homolog; ran-binding protein MOG1; MGC110973; DKFZp686F02139;
Gene ID	29098
mRNA Refseq	NM_016492
Protein Refseq	NP_057576
MIM	607954
UniProt ID	Q9HD47

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SDS-PAGE

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