Recombinant Human FRMD8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FRMD8-2522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FRMD8 MS Standard C13 and N15-labeled recombinant protein (NP_114110) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Promotes the cell surface stability of iRhom1/RHBDF1 and iRhom2/RHBDF2 and prevents their degradation via the endolysosomal pathway. By acting on iRhoms, involved in ADAM17-mediated shedding of TNF, amphiregulin/AREG, HBEGF and TGFA from the cell surface. Negatively regulates Wnt signaling, possibly by antagonizing the recruitment of AXIN1 to LRP6.
Molecular Mass	51.2 kDa
AA Sequence	MDGTEGSAGQPGPAERSHRSSVSSVGARAADVLVYLADDTVVPLAVENLPSLSAH ELHRAVREVLQLPDIALDVFALWLVSPLLEVQLKPKHQPYKLGRQWPELLLRFTSAP DDDVAMDEPFLQFRRNVFFPKRRELQIHDEEVLRLLYEEAKGNVLAARYPCDVEDC EALGALVCRVQLGPYQPGRPAACDLREKLDSFLPAHLCKRGQSLFAALRGRGARA GPGEQGLLNAYRQVQEVSSDGGCEAALGTHYRAYLLKCHELPFYGCAFFHGEVDK PAQGFLHRGGRKPVSVAISLEGVHVIDSREKHVLLGLRFQELSWDHTSPEEEEPILW LEFDGDSEGTPVNKLLKIYSKQAELMSSLIEYCIELSQAAEPAGPQDSATGSPSDPSS SLAPVQRPKLRRQGSVVSSRIQHLSTIDYVEDGKGIRRVKPKRTTSFFSRQLSLGQG

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	SYTVVQPGDSLEQGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
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	FRMD8 FERM domain containing 8 [Homo sapiens (human)]
Official Symbol	FRMD8
Synonyms	FRMD8; FERM domain containing 8; FERM domain-containing protein 8; FKSG44; FLJ90369; FLJ32216; MGC31785;
Gene ID	83786
mRNA Refseq	NM_031904
Protein Refseq	NP_114110
MIM	618337
UniProt ID	Q9BZ67

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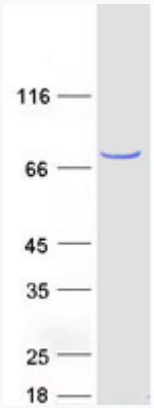
SDS-PAGE	

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