

Product datasheet for PH307879

FRMD8 (NM_031904) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FRMD8 MS Standard C13 and N15-labeled recombinant protein (NP_114110)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207879
Predicted MW:	51.2 kDa
Protein Sequence:	>RC207879 protein sequence Red=Cloning site Green=Tags(s)

MDGTEGSAGQPGPAERSHRSSVSSVGARAADVLYLADDTVVPLAVENLPSLSAHELHRVREVLQLPDI
ALDVFALWLVSPILLEVQLKPKHQPYKLGQRWPELLLRFTSAPDDDDVAMDEPFLQFRRNVFFPKRRELQIH
DEEVLRLLYEEAKGNVLAARYPCDVEDCEALGALVCRVQLGPYQPRPAACDLREKLSFLPAHLCKRGQ
SLFAALRGRGARAGPGEQGLLNAYRQVQEVSSDGGCEAALGTHYRAYLLKCHELPHYGCAFFHGEVDKPA
QGFLHRGGRKPVSAISLEGVHVIDSREKHVLLGLRFQELSWDHTSPEEEEEPIWLWLEFDGDSEGTPVNKL
LKIYSKQAEMLSSLI EYCIEL SQA AEPAGPQDSATGSPSDPSSSLAPVQRPKLRRQGSVSSRIQHLSTI
DYVEDGKGI RRVKPKRTTSFFSRQLSLGQGSYTVVQPGDSLEQG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<u>NP_114110</u>
RefSeq Size:	3774
RefSeq ORF:	1392
Synonyms:	FKSG44; iTAP



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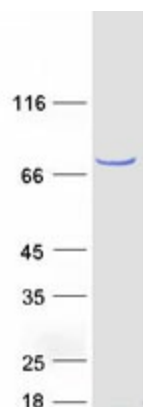
Locus ID: 83786

UniProt ID: [Q9BZ67](#), [A8K6L3](#)

Cytogenetics: 11q13.1

Summary: 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 (PubMed:29897333, PubMed:29897336). Negatively regulates Wnt signaling, possibly by antagonizing the recruitment of AXIN1 to LRP6 (PubMed:19572019).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FRMD8 protein (Cat# [TP307879]). The protein was produced from HEK293T cells transfected with FRMD8 cDNA clone (Cat# [RC207879]) using MegaTran 2.0 (Cat# [TT210002]).