

Product datasheet for PH304201

RHBDF1 (NM_022450) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RHBDF1 MS Standard C13 and N15-labeled recombinant protein (NP_071895)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204201
Predicted MW:	97.4 kDa
Protein Sequence:	>RC204201 protein sequence Red=Cloning site Green=Tags(s)

MSEARRDSTSSLQRKKPPWLKLDIPSAVPLTAEEPSFLQPLRRQAFRLRSVMPAETAHISSPHHELRRPV
LQRQTSITQTIRRGADWFGVSKDSDSTQKWQRKSIRHCSQRYGKLPQVLRDLPSQDNVSLTSTETP
PPLYVGPCQLGMQKIIDPLARGRAFRVADDTAEGLSAPHTPVTPGAASLCSFSSSRSGFHRLPRRRKRES
VAKMSFRAAAAALMKGRSVRDGTFRRARRRSFTPASFLEEDTTDFPDELDTFFAREGILHEELSTYPDEV
FESPSEAALKDWEKAPEQADLTGGALDRSELESHLMLPLERGWKQKEGAAAPQPKVLRQEVVSTAGP
RRGQRIAVPVRKLFAREKRPYGLGMVGRLTNRTRYRKRIDSFVKRQIEDMDDHRPFFTYWLTFFVHSLVTIL
AVCIYGIAPVGFSGHETVDSVLRNRGVYENVKYVQQENFWIGPSSEAL IHLGAKFSPCMRQDPQVHSFIR
SAREREKHSACVRNDRSGCVQTSEEECSSTLAVVWKWPIHPSAPELAGHKRQFGSVCHQDPRVCEPSS
EDPHEWPEEDITKWPICTKNSAGNHTNHPHMDCVITGRPCCIIGTKGRCEITSREYCDFMRGYFHEEATLCS
QVHCMDVCGLLPFLNPEVPDQFYRLWLSLFLHAGILHCLVSIQFQMTVLRDLEKLAGWHRIAIIYLLSG
VTGNLASAIFLPYRAEVGPAGSQFGILACLVELFQSQWILARPWRFAFFKLLAVVLFLLFTFGLLPWIDNF
AHISGFISGLFLSFAFLPYISFGKFDLYRKRQIIIFQVVFLLGLLAVVLFYVYVPRCEWCEFLTCIPF
TDKFCEKYELDAQLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.



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RefSeq: [NP_071895](#)

RefSeq Size: 3091

RefSeq ORF: 2565

Synonyms: C16orf8; Dist1; EGFR-RS; gene-89; gene-90; hDist1

Locus ID: 64285

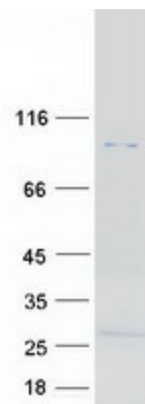
UniProt ID: [Q96CC6](#)

Cytogenetics: 16p13.3

Summary: Regulates ADAM17 protease, a sheddase of the epidermal growth factor (EGF) receptor ligands and TNF, thereby plays a role in sleep, cell survival, proliferation, migration and inflammation. Does not exhibit any protease activity on its own.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Protease, Transmembrane

Product images:



Coomassie blue staining of purified RHBDF1 protein (Cat# [TP304201]). The protein was produced from HEK293T cells transfected with RHBDF1 cDNA clone (Cat# [RC204201]) using MegaTran 2.0 (Cat# [TT210002]).