

Product datasheet for TP304201L

RHBDF1 (NM_022450) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human rhomboid 5 homolog 1 (Drosophila) (RHBDF1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204201 protein sequence Red=Cloning site Green=Tags(s)

MSEARRDSTSSLQRKKPPWLKLDIPSAVPLTAEEPSFLQPLRRQAFRLRSVSMPTAETHISSPHHELRRPV
LQRQTSITQTIRRGADWFGVSKSDSTQKWQRKSIRHCSQRYGKLPQVLRDLPSQDNVSLTSTETP
PPLYVGPCQLGMQKIIDPLARGRAFRVADDTAEGLSAPHTPVTPGAASLCSFSSSRSGFHRLPRRRKRES
VAKMSFRAAAALMKGRSVRDGTFRRARRRSFTPASFLEEDTDFPDELDTSFAREGILHEELSTYPDEV
FESPSEAALKDWEKAPEQADLTGGALDRSELSHMLPLERGWKQKEGAAAPQPKVRLRQEVSTAGP
RRGQRIAVPVRKLFAREKRPYGLGMVGRILTNRTRYKRIDSFVQRQIEDMDDHRPFFTYWLTFFVHSLVTIL
AVCIYGIAPVGFSGHETVDSVLRNRGVYENVKYVQQENFWIGPSSEALIHGAKFSPCMRQDPQVHSFIR
SAREREKHSACCVRNDRSGCVQTSEEECSSTLAVWVKWPIHPSAPELAGHKRQFGSVCHQDPRVCDPESS
EDPHEWPEDITKWPICTKNSAGNHTNHPHMDCVITGRPCCIGTKGRCEITSREYCDFMRGYFHEEATLCS
QVHCMDDDVCGLLPFLNPEVPDQFYRLWLSLFLHAGILHCLVSIQMTVLRDLEKLAGWHRIAIYLLSG
VTGNLASAIFLPYRAEVGPAGSQFGILACLFVELFQSWQILARPWRAFFKLLAVLFLFTFGLLPWIDNF
AHISGFISGLFLSFAFLPYISFGKFDLYRKRCQIIIFQVFLGLLAGLVVLFVYYPVRCEWCEFLTICIP
TDKFCEKYELDAQLH

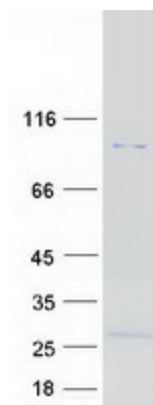
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	97.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_071895
Locus ID:	64285
UniProt ID:	Q96CC6
RefSeq Size:	3091
Cytogenetics:	16p13.3
RefSeq ORF:	2565
Synonyms:	C16orf8; Dist1; EGFR-RS; gene-89; gene-90; hDist1
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]).