

## Product datasheet for **TP304201M**

### **RHBDF1 (NM\_022450) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human rhomboid 5 homolog 1 (Drosophila) (RHBDF1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204201 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSEARRDSTSSLQRKKPPWLKLDIPSAVPLTAEEPSFLQPLRRQAFRLRSVSMPTAETHISSPHHELRRPV  
LQRQTSITQTIRRGADWFGVSKSDSTQKWQRKSIRHCSQRYGKLPQVLRDLPSQDNVSLTSTETP  
PPLYVGPCQLGMQKIIDPLARGRAFRVADDTAEGLSAPHTPVTPGAASLCSFSSSRSGFHRLPRRRKRES  
VAKMSFRAAAALMKGRSVRDGTFRRARRRSFTPASFLEEDTDFPDELDTSEFFAREGILHEELSTYPDEV  
FESPSEAALKDWEKAPEQADLTGGALDRSELSHMLPLERGWKQKEGAAAPQPKVRLRQEVSTAGP  
RRGQRIAVPVRKLFAREKRPYGLGMVGRILTNRTRYKRIDSFVQRQIEDMDDHRPFFTYWLTFFVHSLVTIL  
AVCIYGIAPVGFSGHETVDSVLRNRGVYENVKYVQQENFWIGPSSEALIHGAKFSPCMRQDPQVHSFIR  
SAREREKHSACCVRNDRSGCVQTSEEECSSTLAVWVKWPIHPSAPELAGHKRQFGSVCHQDPRVCDPESS  
EDPHEWPEDITKWPICTKNSAGNHTNHPHMDCVITGRPCCIGTKGRCEITSREYCDFMRGYFHEEATLCS  
QVHCMDDDVCGLLPFLNPEVPDQFYRLWLSLFLHAGILHCLVSIQMTVLRDLKLAGWHRIAIYLLSG  
VTGNLASAIFLRYAEVGPAGSQFGILACLFVELFQSWQILARPWRAFFKLLAVLFLFTFGLLPWIDNF  
AHISGFISGLFLSFAFLPYISFGKFDLYRRCQIIIFQVFLGLLAGLVVLFYVYPVRCEWCEFLTICIP  
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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_071895</a>
<b>Locus ID:</b>	64285
<b>UniProt ID:</b>	<a href="#">Q96CC6</a>
<b>RefSeq Size:</b>	3091
<b>Cytogenetics:</b>	16p13.3
<b>RefSeq ORF:</b>	2565
<b>Synonyms:</b>	C16orf8; Dist1; EGFR-RS; gene-89; gene-90; hDist1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).