

## Product datasheet for **TP314781L**

### Stabilin 2 (STAB2) (NM\_017564) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stabilin 2 (STAB2), 1 mg
Species:	Human
Expression Host:	HEK293T



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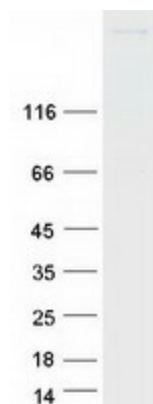
**Expression cDNA** >RC214781 representing NM\_017564  
**Clone or AA** **Red**=Cloning site **Green**=Tags(s)  
**Sequence:**

MMLQHLVIFCLGLVQNFCSAETTQARRCDRKSLLTIRTECRSCALNLGVKCPDGYTMITSGSVGVRD  
 CRYTFEVRTYSLSLPGCRHICRKDYLPQRCCPGRWGPDCIECPGGAGSPCNGRGSCEAGMEGNGTCSQC  
 GFGGTACETCADDNLFGPSCSSVCNCVHGVCSGLDGDGTCECYSAYTGPKCDKPIPECAALLCPENSRC  
 SPSTEDENKLECKCLPNYRGDGKYCDPINCLRKICHPHAHCTYLGPNRHSCTCQEGYRGGQVCLPVDP  
 CQINFGNCPTKSTVCKYDGGQSHCECKEYQNFVPGVGCSTMDICKSDNPCHRNANCTTVAPGRTECIC  
 QKGYVGDGLTCYGNIMERLRELNTEPRGKWQGRLLTSFISLLDKAYAWPLSKLGPFTVLLPTDKGLKGFNV  
 NELLVDNKAQAQYFVKLHIIAGQMNI EYMNNTDMFYTLTGKSGEIFNSDKDNQIKLKLHGGKVKKIIQGD  
 IIASNGLLHILDRAMDKLEPTFESNNEQTIMTMLQPRYSKFRSLEETNLGHALDEDGVGPPYTFVPPNN  
 EALNNMKDGTLDYLLSPEGSRKLELVRYHIVPFTQLEVATLISTPHIRSMANQLIQFNTTDNGQILAND  
 VAMEEIEITAKNGRIYTLTGLVIPPISIVPILPHRCDETKREMKLGTVCVCSLVYWSRCPANSEPTALFTH  
 RCVYSGRFGSLKSGCARYCNATVKIPKCKGFGYGPDCNQCPGGFSNPCSGNGQCADSLGGNGTCICEEGF  
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 ATCEYSNGTASCICKAGYEGDGLTCEMDPCTGLTPGGCSRNAECIKTGTGHTCVCQQGWGTNGRDCSE  
 INNCLLPSAGGCHDNASCLYVGPQNECECKKGFGRNGIDCEPITSCLEQTGKCHPLASCQSTSSGVWSC  
 VCQEGYEGDGLCYGNAAVELSFLSEAAIFNRWINNASLQPTLSATSNLTVLPSQQATEDMDQDEKFSW  
 LSQSNIPALIKYHMLLGTYRVADLQTLSSDMLATSLQGNFLHLAKVDGNITIEGASIVDGDNAATNGVI  
 HIINKVLVPQRRLTGSLPNLLMRLEQMPDYSIFRGYIIQYNLANAIEAADAYTVFAPNNAIENYIREKK  
 VLSLEEDVLRHYHVLEEKLLKNDLHNGMHRETMLGFSYFLSFFLHNDQLYVNEAPINYTNVATDKGVIHG  
 LGKVLEIQKNRCDNNDTTIIRGRCRTCSSELTCPFGTKSLGNEKRRCIYTSYFMGRRTLFIGCQPKCVRT  
 VITRECCAGFFGPQCQPCPGNAQNVCFGNGICLDGVNGTGVCECGEGFSGTACETCTEGKYGIHCDQACS  
 CVHGRCNQGPLGDGSCDCDVGWRGVHCDNATTEDNCNGTCHTSANCLTNSDGTASCKCAAGFQNGTICT  
 AINACEISNGGCSAKADCKRTPGRRVCTCKAGYTG DGIVCLEINPCLENHGGCDKNAECTQTGPNQAAC  
 NCLPAYTGDGKVTCLINVCLTKNGGCSEFAICNHTGQVERTCTCKPNYIGDGFTCRGSIYQELPKNPKTS  
 QYFFQLQEHFVKDLVGPFPFTVFAPLSAAFDEEARVKDWDKYGLMPQVLRVHVACHQLLLENLKLISNA  
 TSLQGEPIVISVSQSTVYINNKAKIISDIINSTNGIVHIIDKLLSPKNLLITPKDNSGRILQNLTLTATN  
 NGYIKFSNLIQDSGLLSVITDPIHTPVTLFWPTDQALHALPAEQDQDFLNQDNKDKLKEYLKFHVIRDAK  
 VLAVDLPTSTAWKTLQGESESVKCGAGRDIGDLFLNGQTCRIVQRELLFDLG VAYGIDCLLIDPTLGGRC  
 DTFTTFDASGEGSCVNTPSCPRWSKPKGVKQKCLYNLPFKRNLEGCRERCSLVIQIPRCCCKGYFGRDCQ  
 ACPGGPDAPCNNGRVCLDQYSATGECKCNTGFNGTACEMCWPRFGPDCLPCGCSDHGQCDDGITGSGQC  
 LCETGWTGPSCDTQAVLPAVCTPPCSAHATCKENNTCECNLDYEGDGITCTVDFCKQDNGGCAKVARCS  
 QKGTKVCSCQKGYKGDGHSCTEIDPCADGLNGGCHEHATCKMTGPGKHKCECKSHYVGDGLNCEPEQLP  
 IDRCLQDNGQCHADAKCVDLHFQDTTVGVFHLRSPLGQYKLTDFDKAREACANEAAATMATYNQLSYAQKAK  
 YHLCSAGWLETGRVAYPTAFASQNCGSGVGVIVDYGPRPNKSEMWDVFCYRMKDVNCTCKVGYVGDGFSC  
 SGNLLQVLMSPSLTNFLTEVLAYSNSSARGRAFLEHLTDLRSIRGTLFVPQNSGLGENETLSGRDIEHLL  
 ANVSMFFYNDLVNGTTLQTRLGSKLLITASQDPLQPTETRFVDGRAILQWDIFASNGIIHVISRPLKAPP  
 APVTLTHTGLGAGIFFAILVTGAVALAAYSFRINRRITIGFQHFSEEDINVAALGKQQPENISNPLYE  
 STTSAPPEPSYDPFTDSEERQLEGNDPLRTL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

<b>Predicted MW:</b>	274.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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_060034</a>
<b>Locus ID:</b>	55576
<b>UniProt ID:</b>	<a href="#">Q8WWQ8</a>
<b>RefSeq Size:</b>	8266
<b>Cytogenetics:</b>	12q23.3
<b>RefSeq ORF:</b>	7653
<b>Synonyms:</b>	FEEL2; FELE-2; FELL2; FEX2; HARE; SCARH1
<b>Summary:</b>	This gene encodes a large, transmembrane receptor protein which may function in angiogenesis, lymphocyte homing, cell adhesion, or receptor scavenging. The protein contains 7 fasciclin, 15 epidermal growth factor (EGF)-like, and 2 laminin-type EGF-like domains as well as a C-type lectin-like hyaluronan-binding Link module. The protein is primarily expressed on sinusoidal endothelial cells of liver, spleen, and lymph node. The receptor has been shown to bind and endocytose ligands such as hyaluronan, low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein has been shown to cycle between the plasma membrane and lysosomes. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Transmembrane

**Product images:**

Coomassie blue staining of purified STAB2 protein (Cat# [TP314781]). The protein was produced from HEK293T cells transfected with STAB2 cDNA clone (Cat# [RC214781]) using MegaTran 2.0 (Cat# [TT210002]).