

Product datasheet for **TP314781M**

Stabilin 2 (STAB2) (NM_017564) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stabilin 2 (STAB2), 100 µg
Species:	Human
Expression Host:	HEK293T



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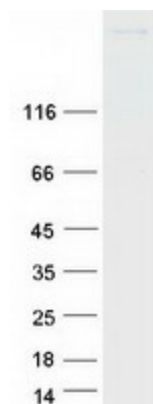
Expression cDNA >RC214781 representing NM_017564
Clone or AA **Red**=Cloning site **Green**=Tags(s)
Sequence:

MMLQHLVIFCLGLVQNFCSAETTQARRCDRKSLLTIRTECRSCALNLGVKCPDGYTMITSGSVGVRD
 CRYTFEVRTYSLSLPGCRHICRKDYLPQRCCPGRWGPDCIECPGGAGSPCNGRGSCEAGMEGNGTCSQC
 GFGGTACETCADDNLFGPSCSSVCNCVHGVCSGLDGDGTCECYSAYTGPKCDKPIPECAALLCPENSRC
 SPSTEDENKLECKCLPNYRGDGKYCDPINCLRKICHPHAHCTYLGPNRHSCTCQEGYRGGQVCLPVDP
 CQINFGNCPTKSTVCKYDGGQSHCECKEYQNFVPGVGCSTMDICKSDNPCHRNANCTTVPAGRTECIC
 QKGYVGDGLTCYGNIMERLRELNTEPRGKWQGRLLTSFISLLDKAYAWPLSKLGPFTVLLPTDKGLKGFNV
 NELLVDNKAQAQYFVKLHIIAGQMNIEMNNTDMFYTLTGKSGEIFNSDKDNQIKLKLHGGKVKKIIQGD
 IIASNGLLHILDRAMDKLEPTFESNNEQTIMTMLQPRYSKFRSLEETNLGHALDEDGVGPPYTFVPPNN
 EALNNMKDGTLDYLLSPEGSRKLELVRYHIVPFTQLEVATLISTPHIRSMANQLIQFNNTDNGQILAND
 VAMEEIEITAKNGRIYTLTGLVIPPISIVPILPHRCDETKREMKLGTVCVSLVYWSRCPANSEPTALFTH
 RCVYSGRFGSLKSGCARYCNATVKIPKCKGFYGPDCNQCPGGFSNPCSGNGQCADSLGGNGTCICEEGF
 QGSQCQFCSDPNKYGPRCNKKCLCVHGTCNNRIDSDGACLTGTCRDGSAGRLCDKQTSACGPYVQFCHIH
 ATCEYSNGTASCICKAGYEGDGLTCEMDPCTGLTPGGCSRNAECIKTGTGHTCVCQQGWGTNGRDCSE
 INNCLLPSAGGCHDNASCLYVGPQNECECKKGFGRNGIDCEPITSCLEQTGKCHPLASCQSTSSGVWSC
 VCQEGYEGDGLCYGNAAVELSFLSEAAIFNRWINNASLQPTLSATSNLTVLPSQQATEDMDQDEKFSW
 LSQSNIPALIKYHMLLGTYRVADLQTLSSDMLATSLQGNFLHLAKVDGNITIEGASIVDGDNAATNGVI
 HIINKVLVPQRRLTGSLPNLLMRLEQMPDYSIFRGYIIQYNLANAIEAADAYTVFAPNNAIENYIREKK
 VLSLEEDVLRHYHVLEEKLLKNDLHNGMHRETMLGFSYFLSFFLHNDQLYVNEAPINYTNVATDKGVIHG
 LGKVLEIQKNRCDNNDTTIIRGRCRTCSSELTCPFGTKSLGNEKRRCIYTSYFMGRRTLFIGCQPKCVRT
 VITRECCAGFFGPQCQPCPGNAQNVCFGNICLDGVNGTGVCECGEGFSGTACETCTEGKYGIHCDQACS
 CVHGRCNQGPLGDGSCDCDVGWRGVHCDNATTEDNCNGTCHTSANCLTNSDGTASCKCAAGFQNGTICT
 AINACEISNGGCSAKADCKRTPGRRVCTCKAGYTGDIVCLEINPCLENHGGCDKNAECTQTGPNQAAC
 NCLPAYTGDGKVTCLINVCLTKNGGCSEFAICNHTGQVERTCTCKPNYIGDGFTCRGSIYQELPKNPKTS
 QYFFQLQEHFVKDLVGPFPFTVFAPLSAAFDEEARVKDWDKYGLMPQVLRVHVACHQLLLENLKLISNA
 TSLQGEPIVISVSQSTVYINNKAKIISDIINSTNGIVHIIDKLLSPKNLLITPKDNSGRILQNLTLTATN
 NGYIKFSNLIQDSGLLSVITDPIHTPVTLFWPTDQALHALPAEQDQDFLNQDNKDKLKEYLKFHVIRDAK
 VLAVDLPTSTAWKTLQGESESVKCGAGRDIQDLFLNGQTCRIVQRELLFDLGVAYGIDCLLIDPTLGGRC
 DTFTTFDASGEGSCVNTPSCPRWSKPKGVKQKCLYNLPFKRNLEGCRERCSLVIQIPRCCCKGYFGRDCQ
 ACPGGPDAPCNRGVCLDQYSATGECKCNTGFNGTACEMCWPRFGPDCLPCGCSDHGQCDDGITGSGQC
 LCETGWTGPSCDTQAVLPAVCTPPCSAHATCKENNTCECNLDYEGDITCTVDFCKQDNGGCAKVARCS
 QKGTKVCSCQKGYKGDGHSCTEIDPCADGLNGGCHEHATCKMTGPGKHKCECKSHYVGDGLNCEPEQLP
 IDRCLQDNGQCHADAKCVDLHFQDTTVGVFHLRSPLGQYKLTDFDKAREACANEAATMATYNQLSYAQKAK
 YHLCSAGWLETGRVAYPTAFASQNCGSGVIVDYGPRPNKSEMWDVFCYRMKDVNCTCKVGYVGDGFSC
 SGNLLQVLMSPSLTNFLTEVLAYSNSARGRAFLEHLTDLRSIRGTLFVPQNSGLGENETLSGRDIEHLL
 ANVSMFFYNDLVNGTTLQTRLGSKLLITASQDPLQPTETRFVDGRAILQWDIFASNGIIHVISRPLKAPP
 APVTLTHTGLGAGIFFAILVTGAVALAAYSFRINRRTIGFQHFSEEDINVAALGKQQPENISNPLYE
 STTSAPPEPSYDPFTDSEERQLEGNDPLRTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW:	274.7 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.
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_060034
Locus ID:	55576
UniProt ID:	Q8WWQ8
RefSeq Size:	8266
Cytogenetics:	12q23.3
RefSeq ORF:	7653
Synonyms:	FEEL2; FELE-2; FELL2; FEX2; HARE; SCARH1
Summary:	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]
Protein Families:	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]).