

Product datasheet for **TP523866**

Stab2 (NM_138673) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse stabilin 2 (Stab2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA >MR223866 representing NM_138673
Clone or AA **Red**=Cloning site **Green**=Tags(s)
Sequence:

MARSKLLLGKLLPLILIFLGLLVQNA CSPT EAP ELTKRCDK KSTLTIKTECQSCSVNIAVKCPDGYIKIT
 NGTVGVRDCRYSLKIQSYVLDIPGCRHICRKDYLPQCCPGHWGPDCMECPGGARAPCGGRGVCDEGMEG
 TGSCSCRAGFRGTACENCAAEDVFGPNCSAVCSCVHGV CNSGISGDGTCECLSAYRGP RCDKPIPECAAL
 LCPENSRCSPSSKDETKLQCKCLPSYKGDGQTCKPINPCLKNVCHPHASCSYLGNRHSCVCQKGYQGDG
 QVCLPVDPCQTSYGNCPTKSTVCRYDGGQSHCECKEHYRNFVPGVGC SMTDICESKNPCHKNANCSTVS
 PGQTQCTCQKGYVGDGLNCYGNIMQRLRELNTEPRGMWQGGQLTSFISILDRTYAWPLSNLGPFTVLLPSD
 KGLKGV DVKELMDKEAARYFVKLHIIAGQMSTEQMYNLDTFYTLTGKSGEIINKDKDNQLKLYGSKI
 VQIIQGNIVASNLVHILDRAMDKIEPTLESNPQQTIMTMLQPRYGKFRS LLEKTNVQALEKGGIDEPY
 TIFVPSNEALS NM TAGVLDYLLSPEGSRKLELVRYHIVAFTQLEVATLVSTLHIRSMANQIITFNISSK
 GQILANNVAVDETEVA AKNGRIYTLTGVLIPPSILPILPHRCNETKREM KLGTCVRCFMKNWSKCPTNSE
 PTAIFTNKCFYGSRAWNLKIGCARYCDVTVEIPRCCKGFFGPDCNCPGGFMNPCSGNGQCIDGLGGNGT
 CISEDGFQGSRCQFCSKPNRYGPQCNR TCQCVHGICDNRLDSDG SCLPGTCREGTAGRFCDKQTSACGPY
 MQFCHIHATCEYSNETASCVCNDGYEGDGT LCKSKDPCLGSTRGGCSPNAECIQASTGTYSVCVQRGWT
 GNGRDCVEINSCLLPSSGGCHDNATCLYVGPQNECECKKGF RGNIDCEPIISCLEQIEKCHPLATCQY
 TLSGVWSCVCQEGYEGNGVLCYGNVLMELSFLSEAAVFYQWINNASLQ SMLSATSNLTVLPSLQAIKDM
 DQNEKSFWLSRNNIPALIKYHTLLGTYRVADLQTL PSSHMLATSLQGSFLRDKADGNITIEGASFVDGD
 NAATNGVWHIINKVLIPQRGLTGSLPSLLTRLEQMPDYSIFRGYIIHYNLASAIEAADAYTVFVPNNEAI
 ESYIREKKATSLKEDILQYHVVLGEKLLRNDLHNGMHRETMLGFSYLLAFFLHNDQLYVNEAPINYTNVA
 TDKGVHGLEKVL EIKKNRCDNNDTIIVRGKCGKCSQQTLCPLETKPLSETRKCIYSVYFMGKRSIFIGC
 QLQCVRTIITSACCAGFFGPQCQACPGKGNVCSGNGFCLDGVNGTGTCECEQGFNGTACETCTEGKYGI
 HCDQACSCVHGRCNQGPSGDGSCDCDVGW RGVKCDSEITTDNCGTCHTSANCLLDPDGKASCKCAAGFQ
 GNGTVCTAINACEISNGGCSAKADCKRTIPGS RVCVCKAGYTG DGIVCLEINPCLENHGGCDRHAECTQT
 GPNQAVCNCLPKYTGDGKVCTLINVCLTNNGGCS PFAFCNHTEQDQRTCTCKPDYTG DGIVCRGSIHSEL
 PKNPSTSQYFFQLQEHAVQELAGPGPFTVFPSSDSFNSESKLVW DKKQGLMSQILRYHVACQQLLLEN
 LKVITSATTLQGEPI SISVSQDTV LINKKAKVLSSDIISTNGVIHVIDTLLSPQNLLITPKGASGRVLLN
 LTTVAANHGYTKFSKLIQDSGLLKVITDPMHTPV TLFWPTDKALQALPQEQQDFLFNEDNKDKLKAYLKF
 HVIRDTMALASDLPRSASWKT LQGSELSVRCGTGSDV GELFLNGQMCRIIQRLLFDGGVAYGIDCLLMD
 PTEGGRCDTFTTFNIPGECGSCFSTPRCPLQSKPKGV RKKCIYNPLPFRRDVEGCQNLCTLVHVHVRCCS
 GYFMPDCQACPGGPDTPC NNRGMCYDQYKPTGQCQCHTG FNGTACELCLPGRFGPDCQPCGCSEHGQCDE
 GITGSGQCLCEAGWTGRFCDAPT VVIPVICIPACSMHATCMENNTCVCNLNYEGDGITCTVDFCKQNNGG
 CAKVAKCSQKGTQVSCSCQKGYKGDGHSCTEIDPC ANGVNGGCHEHATCRMTGPGKQKCECKSHYVGDGR
 DCEPEQLPLDRCLQDNGQCHPDANCVDLHFQDTTVGV FHLRSPLGQYKLTDFDKAKEAKEAASIATYNQ
 LSYAQKAKYHLCSAGWLESGRVAYPTIYASKK CANIVGIVDYGTRTNKSEMWDVFCYRMKDVNCTCKAGY
 VGDGFSCNGNLLQVLMSFSLTNFLTEVLVFSRSSAQ GRAFLKHLTDLSISGTLFVPQNSGLPKNKLSLSG
 RDIEHHLTNVNVSFYDDL VNGTVLKTRLGSQLITSSQDQLHQEARFVDGRAILQWDIIASNGVLHIISE
 PLKAPPTAATAAHSGLGTGIFCAVVLVTGAIALAAYSYFRLNQRTTGFRRFES EDDIDALAFGKQPESI
 TNPLYETSTPAAPEPSCDPFTDSGERELENSDPLGALRS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW:	278 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
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 after receiving vials.
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_619614
Locus ID:	192188
UniProt ID:	Q8R4U0 , E5RKF9
RefSeq Size:	8152
Cytogenetics:	10 C1
RefSeq ORF:	7677
Synonyms:	FEEL-2; FELL; MFEEL-2; STAB-2
Summary:	<p>Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Hyaluronan receptor that binds to and mediates endocytosis of hyaluronic acid (HA). Acts also, in different species, as a primary systemic scavenger receptor for heparin (Hep), chondroitin sulfate (CS), dermatan sulfate (DS), nonglycosaminoglycan (GAG), acetylated low-density lipoprotein (AcLDL), pro-collagen propeptides and advanced glycation end products (AGE). May serve to maintain tissue integrity by supporting extracellular matrix turnover or it may contribute to maintaining fluidity of bodily liquids by resorption of hyaluronan. Counter receptor which plays an important role in lymphocyte recruitment in the hepatic vasculature. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. The proteolytically processed short form also functions as an endocytosis receptor for heparin internalisation as well as HA and CS.</p> <p>[UniProtKB/Swiss-Prot Function]</p>