

Recombinant Full Length Human STAB2 Protein, C-Flag-tagged

Cat. No. STAB2-1519HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human STAB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	274.7 kDa
AA Sequence	MMLQHLVIFCLGLVVQNFCSPAETTGQARRCDRKSLLTIRTECRSCALNLGVKCPDG YTMITSGSVGVDRD CRYTFEVRTYSLSLPGCRHICRKDYLPQRCPPGRWGPDCIECP

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GGAGSPCNGRGSCAEGMEGNGTCSCQE GFGGTACETCADDNLFPGSCSSVCNC
VHGVCNSGLDGDGTCECYSAITGPKCDKPIPECAALLCPENSRC SPSTEDENKLE
CKCLPNYRGDGKYCDPINPCLRKICHPAHACTYLGPNRHSCTCQEGYRGDGQVCL
PVDP CQINFGNCPTKSTVCKYDGGPGQSHCECKEYQNFVPGVGCSMTDICKSDNP
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QQGWTGNGRDCSE INNCLLPSAGGCHDNASCLYVGGQNECECKKGFRNGIDC
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RCNQGPLGDGSCDCDVGWRGVHCDNATTEDNCNGTCHTSANCLTNSDGTASCKC
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QGEPIVISVSQSTVYINNKAIISSDIISTNGIVHIIDKLLSPKNLLITPKDNSGRILQNLTT
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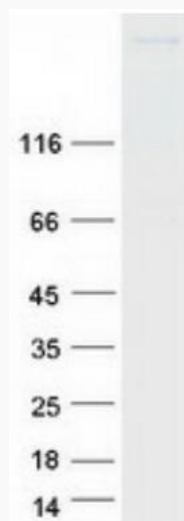
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 GVKQKCLYNLPFKRNLEGCRERCSLVIQIPRCCKGYFGRDCQ ACPGGPDAPCNNR
 GVCLDQYSATGECKCNTGFNGTACEMCWPGFRFGPDCLPCGCSHDGQCDDGITGS
 GQC LCETGWTGPSCDTQAVLPAVCTPPCSAHATCKENNTCECNLDYEGDGITCTV
 VDFCKQDNGGCAKVARCS QKGTKVSCSCQKGYKGDGHSCTEIDPCADGLNGGCH
 EHATCKMTGPGKHKCECKSHYVGDGLNCEPEQLP IDRCLQDNGQCHADAKCVDL
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 KVG YVGDGFSC SGNLLQVLMSFSLTNFLTEVLAYSNSSARGRAFLEHLTDLSIRGT
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 LQPTETRFVDGRAILQWDIFASNGIIHVISRPLKAPP APVTLTHTGLGAGIFFAILVTG
 AVALAAYSIFRINRRRTIGFQHFSEEDINVAALGKQQPENISNPLYE
 STTSAPPEPSYDPFTDSEERQLEGNDPLRTLTRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane

Full Length

Full L.

GENE INFORMATION**Gene Name** STAB2 stabilin 2 [Homo sapiens (human)]**Official Symbol** STAB2**Synonyms** FEX2; HARE; FEEL2; FELL2; FELE-2; SCARH1**Gene ID** 55576**mRNA Refseq** NM_017564.10**Protein Refseq** NP_060034.9**MIM** 608561**UniProt ID** Q8WWQ8 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA



Coomassie blue staining of purified STAB2 protein.

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