

Product datasheet for **MC225360**

Stab2 (NM_138673) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stab2 (NM_138673) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stab2
Synonyms: FEEL-2; FELL; MFEEL-2; STAB-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225360 representing NM_138673
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAAGGAGCAAGCTTCTCCTCGGCAAGCTGCTGCCTTAATCCTCATCTTCCTGGGGTTGCTTGTC
 AAAATGCCTGCTCCCAACTGAAGCCCCAGAAGTACAAAGAGATGTGATAAGAAGTCTACTCTAACCAT
 CAAGACGGAGTGCCAGTCTGCTCGGTTAACATTGCAGTCAAGTGTCCAGACGGTACATCAAGATTACC
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 CATGGAGTGTCCAGGAGGAGCAAGGGCACCGTGTGGTGGCAGGGGTGTTGTGATGAAGGCATGGAAGGA
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AGATAGAGCCCACTTGAGAGCAACCCCCAGCAAACCATTATGACAATGCTACAACCAAGATATGGCAA
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 ACAAAACCTTTGTATGAGACCTCAACGCCGGCAGCCCCGAGCCCTCTGTGACCCTTCACCGACTCTG
 GAGAACGGGAGCTGGAGAACAGTGACCCTTTGGGGCACTGAGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_138673

Insert Size:

7680 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_138673.2](#), [NP_619614.1](#)

RefSeq Size: 8152 bp

RefSeq ORF: 7680 bp

Locus ID: 192188

UniProt ID: [Q8R4U0](#)

Cytogenetics: 10 C1

Gene Summary: 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.[UniProtKB/Swiss-Prot Function]