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Product datasheet for RC215389

stabilin1 (STAB1) (NM_015136) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	stabilin1 (STAB1) (NM_015136) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	stabilin1
Synonyms:	CLEVER-1; FEEL-1; FELE-1; FEX1; SCARH2; STAB-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC215389 representing NM_015136
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC215389 representing NM_015136
Red=Cloning site Green=Tags(s)

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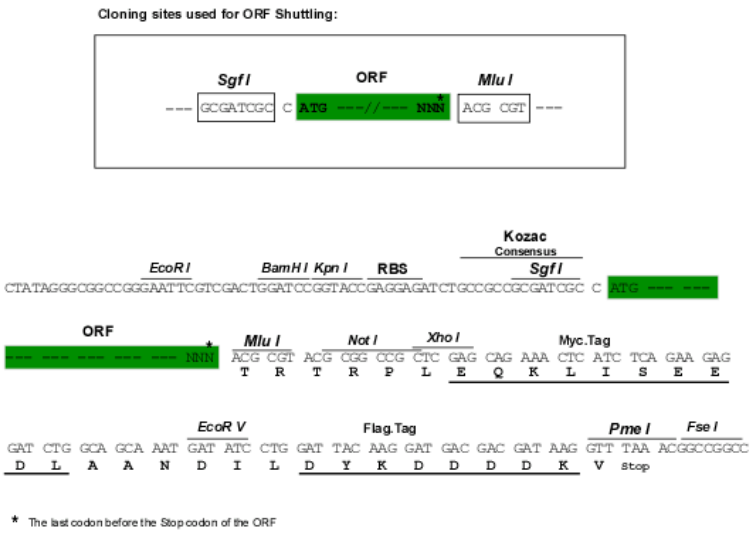
Chromatograms: https://cdn.origene.com/chromatograms/mk8103_g09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015136

ORF Size: 7710 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

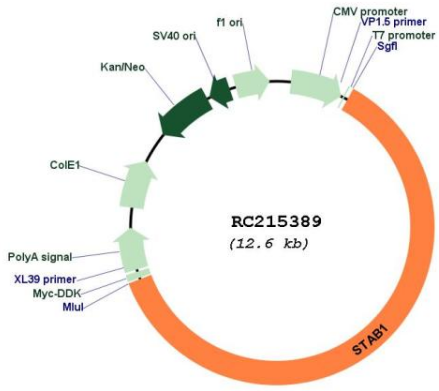
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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.

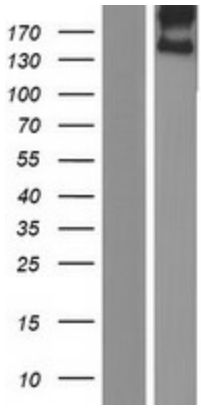
RefSeq: NM_015136.3

RefSeq Size:	7965 bp
RefSeq ORF:	7713 bp
Locus ID:	23166
UniProt ID:	Q9NY15
Cytogenetics:	3p21.1
Domains:	Xlink, FAS1, EGF, EGF
Protein Families:	Druggable Genome, Transmembrane
MW:	275.5 kDa
Gene 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, 16 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 endocytose ligands such as low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein rapidly cycles between the plasma membrane and early endosomes. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC215389



Western blot validation of overexpression lysate (Cat# [LY414772]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215389 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).