

## Product datasheet for RN217778

### Stab2 (NM\_001246357) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stab2 (NM\_001246357) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stab2  
**Synonyms:** FEEL-2; Hare; RGD1560941  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217778 representing NM\_001246357  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**C

ATGGGAAGGAGCAAGCTTTTCCTCAGCATGCTGCTGCCTTTAATTCCTCTCTTCTGGGGCTGGTTGTGC  
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AGACAGAACCCACATTTGCAAGCAACCCCCAGCAAACCATCATGGCGATGCTACAACCAAGATATGGCAG  
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GCAAAATCTTACTACAGTGGCAGCAAACCACGGATATACCAAATTCAGCAAGTTGATACAGGACTCAGGC  
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 AGCACGCCACCTGCAGGATGACGGGCCAGGCAAGCATAAGTGTGAATGTAAAAGTCACTATGTCGGGGA  
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 TTCTGTCCGTGCTCCTGGTCACTGGTGCATTGCTCTGGCTGCTTACTTACTTCCGGCTAAAGCAGC  
 GAACCACTGGTTTCCAGCGTTTTGAGTCAGAAGAGGACATTGATGCTTGGCTTTTGGCAAGCAGCAGCC  
 CAAGAATATCGAAACCCCTCTGTATGAGACCTCAGCGCCGGCACCCCCAGAGTCTCCTGTGACCCCTTC  
 ACAGACCCTGGAGAACAGGATCTGGAGGACAGCGACCCTCTGGGGGCACTGCGGTCC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001246357
- Insert Size:** 7620 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

|                               |   |
|-------------------------------|---|
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001246357.1</a></u> , <u><a href="#">NP_001233286.1</a></u>   |
| <b>RefSeq Size:</b>           | 7620 bp   |
| <b>RefSeq ORF:</b>            | 7620 bp   |
| <b>Locus ID:</b>              | 282580  |
| <b>Cytogenetics:</b>          | 7q13  |
| <b>Gene Summary:</b>          | binds and mediates endocytosis of hyaluronic acid; expressed on the cell surface and colocalized with clathrin following hyaluronic acid binding [RGD, Feb 2006]  |