

## Recombinant Human STAC3 protein, GST-tagged

**Cat. No.** STAC3-39H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human STAC3(1 a.a. - 325 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1 a.a. - 325 a.a.                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The protein encoded by this gene is a component of the excitation-contraction coupling machinery of muscles. This protein is a member of the Stac gene family and contains an N-terminal cysteine-rich domain and two SH3 domains. Mutations in this gene are a cause of Native American myopathy.                                                       |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 61.49 kDa                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MELPPEPQANGEAVGAGGGPIYYIYEEEEEEEEEEEEPPPEPPKLVNDKPHKFKDH<br>FFKKPKFCDVCARMIVLNNKFGLRCKNCKTNIHEHCQSYVEMQRCFGKIPPGFHRA<br>YSSPLYSNQQYACVKDLAANRNDPVFETLRTGVIMANKERKKGQADKKNPVAAM<br>MEEEPESARPEEGKPQDGNPEGDKKAEKKTTPDDKHKQPGFQQSHYFVALYRFKAL<br>EKDDLDFPPGEKITVIDDSNEEWWRGKIGEKVGFFPPNFIRVRAGERVHRVTRSFV<br>GNREIGQITLKKDQIVVQKGDEAGGYVKVYTGRKVGLFPTDFLEEI |

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|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array |
| <b>Notes</b>        | Best use within three months from the date of receipt of this protein.                                      |
| <b>Storage</b>      | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                    |

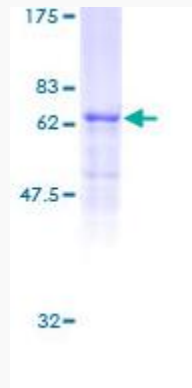
## GENE INFORMATION

|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | STAC3 SH3 and cysteine rich domain 3 [ Homo sapiens ]                                              |
| <b>Official Symbol</b> | STAC3                                                                                              |
| <b>Synonyms</b>        | STAC3; SH3 and cysteine rich domain 3; SH3 and cysteine-rich domain-containing protein 3; MGC2793; |
| <b>Gene ID</b>         | 246329                                                                                             |
| <b>mRNA Refseq</b>     | NM_145064                                                                                          |
| <b>Protein Refseq</b>  | NP_659501                                                                                          |
| <b>UniProt ID</b>      | Q96MF2                                                                                             |

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