

## Recombinant Human TACR3, His-tagged

Cat. No. TACR3-3095H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human TACR3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                             |
| Species          | Human                                                                                                                                                                |
| Source           | E.coli                                                                                                                                                               |
| ProteinLength    | C-104aa                                                                                                                                                              |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TACR3 tachykinin receptor 3 [ Homo sapiens ]                                                                                                                         |
| Official Symbol | TACR3                                                                                                                                                                |
| Synonyms        | TACR3; tachykinin receptor 3; neuromedin-K receptor; neurokinin beta receptor; NK3R; NK-3 receptor; neurokinin B receptor; NKR; NK-3R; TAC3RL; MGC148060; MGC148061; |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6870                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_001059                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_001050                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 162332                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | P29371                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 4q25                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signalin |
| <b>Function</b>            | G-protein coupled receptor activity; receptor activity; signal transducer activity; tachykinin receptor activity;                                                                                                                                               |