

## Recombinant Human OGFR, His-tagged

Cat. No. OGFR-31653TH Lot. No. (See product label)

### SPECIFICATION

|                           |  |
|---------------------------|--|
| <b>Product Overview</b>   | Synthetic peptide, corresponding to amino acids 539-677 of Human Zeta Opioid Receptor, with N terminal His tag; 139 amino acids, 43kDa.  |
| <b>Species</b>            | Human  |
| <b>Source</b>             | E.coli   |
| <b>ProteinLength</b>      | 539-677 a.a.   |
| <b>Description</b>        | The protein encoded by this gene is a receptor for opioid growth factor (OGF), also known as   |
| <b>Conjugation</b>        | HIS  |
| <b>Tissue specificity</b> | Highly expressed in the heart and liver, moderately in skeletal muscle and kidney and to a lesser extent in brain and pancreas. Expressed in fetal tissues including liver and kidney. |
| <b>Form</b>               | Lyophilised:Reconstitution with 117 µl aqua dest.  |
| <b>Storage buffer</b>     | Preservative: None<br>Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5  |
| <b>Storage</b>            | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.  |

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**Sequences of amino acids** SETPGPRPAGPAGDEPAESPSETPGPRPAGPAGDEPAESP SETPGPSPAGPTRDE PAESPSETPGPRPAGPAGDEPAE SPSETPGPRPAGPAGDEPAESPSETPGSPAG PTRDEP AKAGEAAELQDAEVESSAKSGKP

**Sequence Similarities** Belongs to the opioid growth factor receptor family.

## GENE INFORMATION

**Gene Name** [OGFR opioid growth factor receptor \[ Homo sapiens \]](#)

**Official Symbol** [OGFR](#)

**Synonyms** [OGFR](#); opioid growth factor receptor; 7 60;

**Gene ID** [11054](#)

**mRNA Refseq** [NM\\_007346](#)

**Protein Refseq** [NP\\_031372](#)

**MIM** [606459](#)

**Uniprot ID** [Q9NZT2](#)

**Chromosome Location** 20q13.3

**Function** opioid receptor activity; receptor activity;

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