



# Recombinant Human Opioid growth factor receptor (OGFR)

<b>Product Code</b>	CSB-EP016311HU-B
<b>Abbreviation</b>	OGFR
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NZT2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDDPDCDSTW EEDEEDAEDA EDEDCEGGEA AGARDADAGD EDEESEEPRA ARPSSFQSRM TGSRNWRATR DMCRYRHNYP DLVERDCNGD TPNLSFYRNE IRFLPNGCFI EDILQNWTDN YDLLEDNHSY IQWLFPLREP GVNWHAKPLT LREVEVFKSS QEIQERLVRA YELMLGFYGI RLEDRTGTV GRAQNYQKRF QNLNWRSHNN LRITRILKSL GELGLEHFQA PLVRRFFLEET LVRRELPGVR QSALDYFMFA VRCRHQRRQL VHFaweHFRP RCKFVWGPQD KLRRFKPSSL PHPLEGSRKV EEEGSPGDPD HEASTQGRTC GPEHSKGGGR VDEGPQPRSV EPQDAGPLER SQGDEAGGHG EDRPEPLSPK ESKKRKLELS RREQPTEPG PQSASEVEKI ALNLEGCALS QGSLRTGTQE VGGQDPGEAV QPCRQPLGAR VADKVRKRRK VDEGAGDSAA VASGGAQTLA LAGSPAPSGH PKAGHSENGV EEDTEGRTGP KEGTPGSPSE TPGPSPAGPA GDEPAESPSE TPGPRPAGPA GDEPAESPSE TPGPRPAGPA GDEPAESPSE TPGPSPAGPT RDEPAESPSE TPGPRPAGPA GDEPAESPSE TPGPRPAGPA GDEPAESPSE TPGPSPAGPT RDEPAKAGEA AELQDAEVES SAKSGKP
<b>Source</b>	E.coli
<b>Target Names</b>	OGFR
<b>Protein Names</b>	Recommended name: Opioid growth factor receptor Short name= OGFr Alternative name(s): Protein 7-60 Zeta-type opioid receptor
<b>Expression Region</b>	1-677
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a receptor for opioid growth factor (OGF), also known as [Met(5)]-enkephalin. OGF is a negative regulator of cell proliferation and tissue organization in a variety of processes. The encoded unbound receptor for OGF



has been localized to the outer nuclear envelope, where it binds OGF and is translocated into the nucleus. The coding sequence of this gene contains a polymorphic region of 60 nt tandem imperfect repeat units. Several transcripts containing between zero and eight repeat units have been reported.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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