

Full-Length

OGFR (Human) Recombinant Protein (P01)

Catalog # H00011054-P01

Size 50 ug

Specification

Product Description	Human OGFR full-length ORF (BAG51068.1, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDDPDCDSTWEEDEEDAEDAEDCEDGEAAGARDADAGDEDEESEEPRAARPSSFQSRM TGSRNWRATRDMCRYRHNPDLVERDCNGDTPNLSFYRNEIRFLPNGCFIEDILQNWTDNYDLLE DNHSYIQWLFPLREPGVNWHAHKLTLREVEVFKSSQEIQLRVAYELMLGFYGIRLEDRTGTGTVG RAQNYQKRFQNLNWRSHNNLRITRILKSLGELGLEHFQAPLVRFFLEETLVRRELPGVRQSALDYF MFAVRCRHQCRQLVHFAWEHFRPRCKFVWGPQDKLRRFKPSSLPHPLEGSRKVEEEGSPGDP DHEASTQGRTCGPEHSKGGGRVDEGPQPRSVPEPQDAGPLERSQGDEAGGHGEDRPEPLSPK ESKKRKLELSRREQPPTEPGPQSASEVEKIALNLEGCALSQGSRLTGTQEVGGQDPGEAVQPC RQPLGARVADKVRKRRKVDEGAGDSAAVASGGAQTLALAGSPAPSGHPKAGHSENGVEEDTE GRTGPKEGTPGSPSETPGPSPAGPAGDEPAESPSETPGPSPAGPAGDEPAESPSETPGPRPA GPAGDEPAETPSETPGPSPAGPTRDEPAESPSETPGPRPAGPAGDEPAESPSETPGPRPAGP AGDEPAESPSETPGPSPAGPTRDEPAKAREAAELQDAEVESAKSGKP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	99.8
Interspecies Antigen Sequence	Mouse (54); Rat (57)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — OGFR

Entrez GeneID [11054](#)

GeneBank Accession# [AK022234.1](#)

Protein Accession# [BAG51068.1](#)

Gene Name OGFR

Gene Alias -

Gene Description opioid growth factor receptor

Omim ID [606459](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene 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. [provided by RefSeq]

Other Designations 7-60 protein|OTTHUMP00000031503|zeta-type opioid receptor