

# Recombinant Human OGFR Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** OGFR-1369H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	OGFR MS Standard C13 and N15-labeled recombinant protein (NP_031372) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	73.3 kDa
<b>AA Sequence</b>	MDDPDCDSTWEEDEEDAEDAEDDCEDGEEAAGARDADAGDEDEESEEPRAARPS SFQSRMTGSRNWRATRDMCRYRHNYPDLVERDCNGDTPNLSFYRNEIRFLPNGCF IEDILQNWTDNYDLLEDNHSYIQWLFPLREPGVNWVHAKPLTLREVEVFKSSQEIQER LVRAYELMLGFYGIRLEDRTGTGTVGRAQNYQKRFQNLNWRSHNNLRITRILKSLGEL GLEHFQAPLVRFFLEETLVRRELPGVRQSALDYFMFAVRCRHQRRQLVHFAWEHF RPRCKFVWGPQDKLRRFKPSSLPHPLEGSRKVEEEGSPGDPDHEASTQGRTCGPE

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HSKGGGRVDEGPQPRSVDPQDAGPLERSQGDDEAGGHGEDRPEPLSPKESKKRKL  
 ELSRREQPPTEPGPQSASEVEKIALNLEGCALSQGSRLTGTQEVGGQDPGEAVQP  
 CRQPLGARVADKVRKRRKVDEGAGDSAASVSGGAQTLALAGSPAPSGHPKAGHSE  
 NGVEEDTEGRTGPKEGTPGSPSETPGPSPAGPAGDEPAESPSETPGPRPAGPAGD  
 EPAESPSETPGPRPAGPAGDEPAESPSETPGPSPAGPTRDEPAESPSETPGPRPA  
 GPAGDEPAESPSETPGPRPAGPAGDEPAESPSETPGPSPAGPTRDEPAKAGEAAE  
 LQDAEVESAKSGKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

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

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

**Synonyms** OGFR; opioid growth factor receptor; 7 60; 7-60 protein; protein 7-60; zeta-type opioid receptor;

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

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

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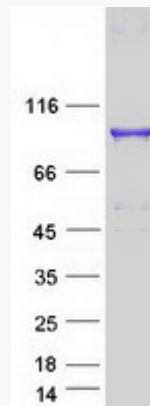
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**Protein Refseq** NP\_031372

**MIM** 606459

**UniProt ID** Q9NZT2

**SDS-PAGE**



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