

## Product datasheet for **TP315844**

### OGFR (NM\_007346) Human Recombinant Protein

#### Product data:

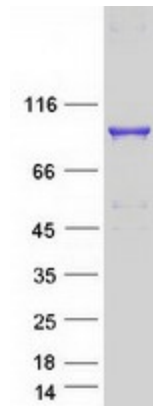
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human opioid growth factor receptor (OGFR), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215844 representing NM_007346 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MDDPDCDSTWEEDEEDAEDAEDDCEDGEEAAGARDADAGDEDEESEEPRAARPSSFQSRMTGSRNWRATR DMCRYRHNYPDLVERDCNGDTPNLSFYRNEIRFLPNGCFIEDILQNWTDNYDLLEDNHSYIQWLFPLREP GVNWHAKPLTLREVEVFKSSQEIQERLVRAYELMLGFYGIRLEDRTGTGTVGRAQNYQKRFQNLNWRSHNN LRITRILKSLGELGLEHFQAPLVRFFLEETLVRRELPGVRQSALDYFMFAVRCRHQRRQLVHFAWEHFRP RCKFWWGPQDKLRRFKPSSLPHPLEGSRKVEEEGSPGDPDHEASTQGRTCGPEHSGKGGGRVDEGPQPRSV EPQDAGPLERSQGDEAGGHGEDRPEPLSPKESKKRKLERSRREQPTEPGPQSASEVEKIALNLEGCALS QGSRLRTGTQEVGGQDPGEAVQPCRQPLGARVADKVRKRRKVDEGAGDSAASVSGGAQTLALAGSPAPSGH PKAGHSENGVEEDTEGRTGPKGTPGSPSETPGPSPAGPAGDEPAESPSETPGPRPAGPAGDEPAESPSE TPGPRPAGPAGDEPAESPSETPGPSPAGPTRDEPAESPSETPGPRPAGPAGDEPAESPSETPGPRPAGPA GDEPAESPSETPGPSPAGPTRDEPAKAGEAAELQDAEVESAKSGKP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	73.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_031372</u>
<b>Locus ID:</b>	11054
<b>UniProt ID:</b>	<u>Q9NZN2</u>
<b>RefSeq Size:</b>	2410
<b>Cytogenetics:</b>	20q13.33
<b>RefSeq ORF:</b>	2031
<b>Summary:</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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified OGFR protein (Cat# TP315844). The protein was produced from HEK293T cells transfected with OGFR cDNA clone (Cat# [RC215844]) using MegaTran 2.0 (Cat# [TT210002]).