

Product datasheet for PH315844

OGFR (NM_007346) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OGFR MS Standard C13 and N15-labeled recombinant protein (NP_031372)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215844
Predicted MW:	73.3 kDa
Protein Sequence:	>RC215844 representing NM_007346 Red=Cloning site Green=Tags(s)

MDDPDCDSTWEEDEEDAEDAEDCEDGEAAGARDADAGDEDEESEEPRAARPSSFQSRMTGSRNWRATR
DMCRYRHNYPDLVERDCNGDTPNLSFYRNEIRFLPNGCFIEDILQNWTDNYDLLLEDNHSYIQWLFPLREP
GVNWHAKPLTLREVEVFKSSQEIQERLVRAYELMLGFYGIREDRGTGTVGRAQNYQKRFQNLNWRSHNN
LRITRILKSLGELGLEHFQAPLVRFFLEETLVRRELPGVRQSALDYFMFAVRCRHQRRLVHFAWEHFRP
RCKFVWGPQDKLRRFKPSSLPHPLEGSRKVEEGSPGDPDHEASTQGRTCGPEHSKGGGRVDEGPQPRSV
EPQDAGPLERSQGDEAGGHGEDRPEPLSPKESKKRKLLEL SRREQPPTGPGQASAVEKIALNLEGCALS
QGSRLRTGTQEVGGQDPGEAVQPCRQPLGARVADKVRKRRKVDGAGDSA AVASGGAQTLALAGSPAPSGH
PKAGHSENGVEEDTEGRTGPKGTPGSPSETPGSPAGPAGDEPAESPSETPGPRPAGPAGDEPAESPSE
TPGPRPAGPAGDEPAESPSETPGSPAGPTRDEPAESPSETPGPRPAGPAGDEPAESPSETPGPRPAGPA
GDEPAESPSETPGSPAGPTRDEPAKAGEAAELQDAEVSSAKSGKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_031372
RefSeq Size:	2410



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RefSeq ORF: 2031

Locus ID: 11054

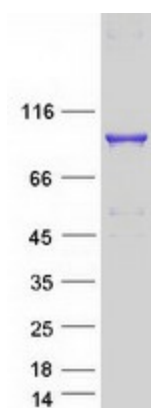
UniProt ID: [Q9NZT2](#)

Cytogenetics: 20q13.33

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, Jul 2008]

Protein Families: 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]).