

## Product datasheet for PH323227

### GPR 150 (GPR150) (NM\_199243) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GPR150 MS Standard C13 and N15-labeled recombinant protein (NP_954713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223227
Predicted MW:	46.2 kDa
Protein Sequence:	>RC223227 representing NM_199243 Red=Cloning site Green=Tags(s)  MEDLFSPSILPPAPNISVPILLGWGLNLTGQGAPASGPPSRRVRLVFLGVILVVAVAGNTTVLCRLCGG GGPWAGPKRRKMDFLLVQLALADLYACGGTALSQAWELLGEPRAATGDLACRFLQLLQASGRGASAHLV VLIALERRRAVRLPHGRPLPARALAALGWLLALLLALPPAFVVRGDSPSPLPPPPPTSLQPGAPPAARA WPGERRCHGIFAPLPRWHLQVYAFYEAVAGFVAPVTVLGVACGHLLSVWWRHRPQAPAAAAPWSASPGRA PAPSALPRAKVQSLKMSLLLALLFVGCELPYFAARLAAWSSGPAGDWEGEGLSAALRVVAMANSALNPF VYLFFQAGDCRLRRQLRKRLGSLCCAPQGADEEGPRGHQALYRQRWPHPHYHHARREPLDEGGLRPPP PRPRPLPCSCESAF  SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_954713</a></u>
RefSeq Size:	1305
RefSeq ORF:	1302
Synonyms:	PGR11



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Locus ID: 285601

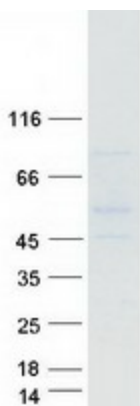
UniProt ID: [Q8NGU9](#)

Cytogenetics: 5q15

**Summary:** This gene encodes an orphan member of the class A rhodopsin-like family of G-protein-coupled receptors (GPCRs). Within the rhodopsin-like family, this gene is a member of the vasopressin-like subfamily that also includes vasopressin and oxytocin receptors. The silencing of this gene, due to promoter methylation, is associated with ovarian cancer progression. All GPCRs have a transmembrane domain that includes seven transmembrane alpha-helices. A general feature of GPCR signaling is the agonist-induced conformational change in the receptor, leading to activation of the heterotrimeric G protein. The activated G protein then binds to and activates numerous downstream effector proteins, which generate second messengers that mediate a broad range of cellular and physiological processes. [provided by RefSeq, Jul 2017]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified GPR150 protein (Cat# [TP323227]). The protein was produced from HEK293T cells transfected with GPR150 cDNA clone (Cat# [RC223227]) using MegaTran 2.0 (Cat# [TT210002]).