

Recombinant Human PPARGLBD Protein, GST-tagged

Cat. No. PPARGLBD-325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPARGLBD Protein (aa 201-477) is produced by baculovirus-infected insect cells expression system. This protein is fused with a GST tag.
Species	Human
Source	Insect cells
ProteinLength	aa 201-477
Description	Peroxisome proliferator-activated receptor gamma (PPAR-γ or PPARG) is also known as the glitazone receptor, or NR1C3 (nuclear receptor subfamily 1, group C, member 3). GST-tagged Peroxisome proliferator-activated receptor gamma ligand-binding domain (PPARG-LBD) consists of a 218 a.a. GST tag. PPARG-LBD was produced in the absence of detergents and exogenous ligands to ensure advanced performance in ligand-binding assays and coregulator displacement studies.
Form	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 0.5 mM EDTA, 3 mM Dithiothreitol, 7 mM reduced glutathione, 20% glycerol.
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWENKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMMLGGCPKERAIEISMLEGAVLDIRYGVSR IAYSKDFE TLKVDFLSKLP EMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLEVL FQG PL GSIDQLNPESADLRALAKHLYDSYIKSFPLTKAKARAILTGKTTDKSPFVIYDMNSLM MGEDKIKFKHITPLQE QSKEVAIRIFQGCQFRSVEAVQEITEYAKSIPGFVNLDLNDQV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TLLKYGVHEIITMLASLMNKDGVLISEGQGFMTREFLKSLRKPFGDFMEPKFEFAVK
FNALELDDSDLAIFIHAVIILSGDRPGLLNVKPIEDIQDNLLQALELQLKLNHPESSQLFA
KLLQKMTDLRQIVTEHVQLLQVIKKTETDMSLHPLLQEIYKDLY

Purity >90%

Applications Ligand binding and coactivator peptide recruitment assays.

Notes Avoid freeze-thaw cycles. While working, please keep sample on ice.

Storage Immediately store at -80 centigrade.

GENE INFORMATION

Gene Name [PPARG peroxisome proliferator-activated receptor gamma \[Homo sapiens \]](#)

Official Symbol [PPARG](#)

Synonyms PPARG; NR1C3; PPARG1; PPARG2; PPARGgamma; PPAR gamma; PPAR-gamma; GLM1; C1MT1;

Gene ID [5468](#)

mRNA Refseq [NM_005037](#)

Protein Refseq [NP_005028](#)

MIM [601487](#)

UniProt ID [P37231](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Fig. 1. SDS-PAGE analysis of purified Human Peroxisome proliferator-activated receptor gamma ligand-binding domain. Proteins were separated in 4-20% SDS-PAGE and stained with Coomassie blue.

1. PPARG-LBD.
2. Low range molecular weight marker (Bio-Rad).