

Recombinant Human GPR4, GST-tagged

Cat. No. GPR4-13476H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	248-362a.a.
Description	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	GPR4 G protein-coupled receptor 4 [Homo sapiens]
Official Symbol	GPR4
Synonyms	GPR4; G protein-coupled receptor 4; G-protein coupled receptor 4; G-protein coupled receptor 19;
Gene ID	2828
mRNA Refseq	NM_005282
Protein Refseq	NP_005273
MIM	600551
UniProt ID	P46093
Chromosome Location	19q13.3
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity;