

Recombinant Human GPR50, GST-tagged

Cat. No. GPR50-13478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR50 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-323a.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 localized at the Golgi stack and may have a regulatory role in Golgi trafficking.
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

Gene Name	GPR50 G protein-coupled receptor 50 [Homo sapiens]
Official Symbol	GPR50

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Synonyms	GPR50; G protein-coupled receptor 50; melatonin-related receptor; H9; Mel1c; MGC125342;
Gene ID	9248
mRNA Refseq	NM_004224
Protein Refseq	NP_004215
MIM	300207
UniProt ID	Q13585
Chromosome Location	Xq28
Pathway	GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	G-protein coupled receptor activity; melatonin receptor activity; receptor activity; signal transducer activity;