

Recombinant Human GPR75 protein(GPR75), His-SUMO-tagged

Cat. No. GPR75-121H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR75 protein(GPR75)(NP_006785.1)(372-540aa), fused to His-SUMO-tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cytoplasmic Domain
Description	GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins upon the binding of a ligand.
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.9kDa
AA Sequence	NPFIYSRNSAGLRRKVLWCLQYIGLGFFCCKQKTRLRAMGKGNLEVNRNKSSHET NSAYMLSPKPQKKFVDQACGPSHSKESMVSPKISAGHQHCGQSSSTPINTRIEPYY SIYNSSPSQEESSPCNLQPVNSFGFANSYIAMHYHTNDLVQEYDSTSAKQIPVPSV

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	GPR75 G protein-coupled receptor 75 [Homo sapiens (human)]
Official Symbol	GPR75
Synonyms	G protein coupled receptor 75; GPR chr2; Gpr75; GPR75_HUMAN; GPRchr2; OTTHUMP00000159608; Probable G protein coupled receptor 75; Probable G-protein coupled receptor 75; WI 31133; WI31133
Gene ID	10936
mRNA Refseq	NM_006794.4
Protein Refseq	NP_006785.1
MIM	606704

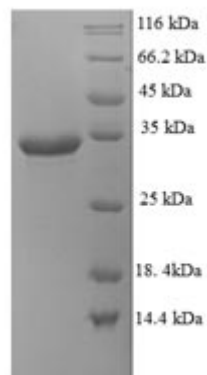
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UniProt ID

O95800

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