

Recombinant Human GPR133 Protein, His-tagged

Cat. No. GPR133-737H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GPR133 (NP_942122.2) (Met1-Ser570) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-570 a.a.
Predicted N Terminal	Val 26
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human GPR133 consists 556 amino acids and predicts a molecular mass of 61.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name GPR133 G protein-coupled receptor 133 [Homo sapiens]

Official Symbol GPR133

Synonyms GPR133; G protein-coupled receptor 133; probable G-protein coupled receptor 133; DKFZp434B1272; PGR25; G-protein coupled receptor PGR25; FLJ16770; MGC138512; MGC138514;

Gene ID 283383

mRNA Refseq NM_198827

Protein Refseq NP_942122

MIM 613639

UniProt ID Q6QNK2

Chromosome Location 12q24.33

Pathway GPCRs, Other, organism-specific biosystem;

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