Recombinant Full Length Human GPR4 Protein

Cat. No. GPR4-5584HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR4 full-length ORF (NP_005273.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	476 amino acids
Description	GPR4 (G Protein-Coupled Receptor 4) is a Protein Coding gene. Diseases associated with GPR4 include Central Hypoventilation Syndrome, Congenital. Among its related pathways are RET signaling and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity. An important paralog of this gene is GPR68.
Form	Liquid
Molecular Mass	41 kDa
AA Sequence	MGNHTWEGCHVDSRVDHLFPPSLYIFVIGVGLPTNCLALWAAYRQVQQRNELGVYL MNLSIADLLYICTLPLWVDYFLHHDNWIHGPGSCKLFGFIFYTNIYISIAFLCCISVDRY LAVAHPLRFARLRRVKTAVAVSSVVWATELGANSAPLFHDELFRDRYNHTFCFEKFP MEGWVAWMNLYRVFVGFLFPWALMLLSYRGILRAVRGSVSTERQEKAKIKRLALSLI AIVLVCFAPYHVLLLSRSAIYLGRPWDCGFEERVFSAYHSSLAFTSLNCVADPILYCL VNEGARSDVAKALHNLLRFLASDKPQEMANASLTLETPLTSKRNSTAKAMTGSWAA TPPSQGDQVQLKMLPPAQ

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Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

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

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