

Recombinant Human GPR4 Protein

Cat. No. GPR4-5242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR4 full-length ORF (NP_005273.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 LAVAHPLRFARLRRVKTAVAVSSVWVWATELGANSAPLFHDELFRDRYNHTFCFEKFP MEGWVAVWMNLYRVFVGFLLFPWALMLLSYRGILRAVRGSVSTERQEKAKIKRLALSLI AIVLVCFAPYHVLLLSRSAYLGRPWDCGFEEVFSAYHSSLAFTSLNVCVADPILYCL VNEGARSDVAKALHNLLRFLASDKPQEMANASLTLETPLTSKRNSTAKAMTGSWAA TPPSQGDQVQLKMLPPAQ
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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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