

Recombinant Human HTR4 cell lysate

Cat. No. HTR4-829HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described, but the full-length nature of some transcript variants has not been determined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HTR4 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled [Homo sapiens]
Official Symbol	HTR4
Synonyms	HTR4; 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled; 5

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	hydroxytryptamine (serotonin) receptor 4; 5-hydroxytryptamine receptor 4; 5 HT4; cardiac 5-HT4 receptor; 5-HT4; 5-HT4R;
Gene ID	3360
mRNA Refseq	NM_000870
Protein Refseq	NP_000861
MIM	602164
UniProt ID	Q13639
Chromosome Location	5q31-q33
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; serotonin receptor activity; serotonin receptor activity; signal transducer activity;

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