

Recombinant Human HTR6 293 Cell Lysate

Cat. No. HTR6-5331HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for 5-hydroxytryptamine (serotonin) receptor 6 (HTR6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [HTR6 5-hydroxytryptamine \(serotonin\) receptor 6, G protein-coupled \[Homo sapiens \]](#)

Official Symbol [HTR6](#)

Synonyms [HTR6](#); 5-hydroxytryptamine (serotonin) receptor 6, G protein-coupled; 5-hydroxytryptamine (serotonin) receptor 6; 5-hydroxytryptamine receptor 6; 5 HT6; 5 HT6R; 5-HT-6; serotonin receptor 6; 5-HT6; 5-HT6R;

Gene ID [3362](#)

mRNA Refseq [NM_000871](#)

Protein Refseq [NP_000862](#)

MIM [601109](#)

UniProt ID [P50406](#)

Chromosome Location 1p36-p35

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](#)

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biosystem;

Function

G-protein coupled receptor activity; histamine receptor activity; protein binding; receptor activity; signal transducer activity;

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