Recombinant Human PROKR2 293 Cell Lysate

Cat. No. PROKR2-2834HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for prokineticin receptor 2 (PROKR2) 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	PROKR2 prokineticin receptor 2 [Homo sapiens]
Official Symbol	PROKR2
Synonyms	PROKR2; prokineticin receptor 2; G protein coupled receptor 73 like 1 , GPR73L1, KAL3, Kallmann syndrome 3 (autosomal dominant); dJ680N4.3; GPR73b; GPRg2; PKR2; PK-R2; G protein-coupled receptor 73-like 1; KAL3; GPR73L1;
Gene ID	128674
mRNA Refseq	NM_144773
Protein Refseq	NP_658986
MIM	607123
UniProt ID	Q8NFJ6
Chromosome Location	20p12.3
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

Function	G-protein coupled receptor activity; neuropeptide Y receptor activity; receptor activity; signal transducer activity;

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