

Recombinant Human PROKR1 Protein, MYC/DDK-tagged

Cat. No. PROKR1-12H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROKR1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the G-protein-coupled receptor family. The encoded protein binds to prokineticins (1 and 2), leading to the activation of MAPK and STAT signaling pathways. Prokineticins are protein ligands involved in angiogenesis and inflammation. The encoded protein is expressed in peripheral tissues such as those comprising the circulatory system, lungs, reproductive system, endocrine system and the gastrointestinal system. The protein may be involved in signaling in human fetal ovary during initiation of primordial follicle formation. Sequence variants in this gene may be associated with recurrent miscarriage.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PROKR1 prokineticin receptor 1 [Homo sapiens]
Official Symbol	PROKR1
Synonyms	PROKR1; prokineticin receptor 1; G protein coupled receptor 73 , GPR73; GPR73a; PKR1; ZAQ; PK-R1; G protein-coupled receptor 73; G-protein coupled receptor 73; G protein-coupled receptor ZAQ; G-protein coupled receptor ZAQ; GPR73;
Gene ID	10887
mRNA Refseq	NM_138964
Protein Refseq	NP_620414
MIM	607122
UniProt ID	Q8TCW9

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