

Product datasheet for TP319745

GPR73A (PROKR1) (NM_138964) Human Recombinant Protein

Product data:

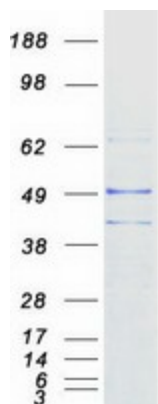
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prokineticin receptor 1 (PROKR1)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	44.6 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_620414
Locus ID:	10887
RefSeq Size:	1182
Cytogenetics:	2p13.3
RefSeq ORF:	1179
Synonyms:	GPR73; GPR73a; PK-R1; PKR1; ZAQ
Summary:	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. [provided by RefSeq, Aug 2016]



[View online »](#)

Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Coomassie blue staining of purified PROKR1 protein (Cat# TP319745). The protein was produced from HEK293T cells transfected with PROKR1 cDNA clone (Cat# [RC219745]) using MegaTran 2.0 (Cat# [TT210002]).