

Recombinant Mouse Prokr1 Protein, Myc/DDK-tagged

Cat. No. Prokr1-5138M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length prokineticin receptor 1 (Prokr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for prokineticin 1. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase. May play a role during early pregnancy.
Molecular Mass	45 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Prokr1 prokineticin receptor 1 [Mus musculus (house mouse)]
Official Symbol	Prokr1
Synonyms	PROKR1; prokineticin receptor 1; PK-R1; G protein-coupled receptor 73; G-protein coupled receptor 73; Pkr1; Gpr73; EG-VEGFR1
Gene ID	58182
mRNA Refseq	NM_021381
Protein Refseq	NP_067356
UniProt ID	Q9JKL1

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