

Product datasheet for **TP723073**

Prokineticin 1 (PROK1) (NM_032414) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human prokineticin 1 (PROK1).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AVITGACERD VQCGAGTCCA ISLWLRGLRM CTPLGREGEE CHPGSHKVPF FRKRKHHTCP CLPNLLCSRF PDGRYRCSMD LKNINF
Tag:	Tag Free
Predicted MW:	9.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_115790
Locus ID:	84432
UniProt ID:	P58294 , A0A024R0B1
RefSeq Size:	1372
Cytogenetics:	1p13.3
RefSeq ORF:	315
Synonyms:	EGVEGF; PK1; PRK1



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Summary:

The protein encoded by this gene induces proliferation, migration, and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. It has little or no effect on a variety of other endothelial and non-endothelial cell types. Its expression is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta), is induced by hypoxia, and often complementary to the expression of vascular endothelial growth factor (VEGF), suggesting that these molecules function in a coordinated manner. [provided by RefSeq, Sep 2011]

Protein Families:

Druggable Genome, Secreted Protein

Product images: