

Datasheet for ABIN935716 **PROK2 Protein**



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Overview

Quantity:	20 µg
Target:	PROK2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	AVITGACDKD SQCGGMCCA VSIWKSIRI CTPMGKLGDS CHPLTRKVPF FGRRMHHTC PCLPGLACLR TSFNRFICLA QK
Characteristics:	Purified recombinant Human Prokineticin 2 protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	PROK2
Alternative Name:	Prokineticin 2 (PROK2 Products)
Background:	Prokineticin-2 (PK2) is a cysteine-rich secreted protein that is expressed in the testis and in lower levels of the small intestine. PK2 regulates various biological functions including gastrointestinal motility, angiogenesis and circadian rhythms. It is closely related to EG-VEGF (Prokineticin-1) and binds to two orphan B-protein-coupled receptors termed PK-R1 and PK-R2.

Target Details

Recombinant human Prokineticin-2 is an 8.8 kDa protein consisting of 81 amino acid residues and ten cysteine residues that potentially form five pairs of intra-molecular disulfide bonds.

Alternative Names: PK2 protein, Prokineticin 2, Prokineticin-2 protein, Prokineticin 2 protein, Protein Bv8 homolog protein, Prokineticin-2 protein, PROK2 protein, Prokineticin-2, Prokineticin 2

Molecular Weight: 8.8 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in water to a concentration of 0.1 - 1.0 mg/mL.

Buffer: Supplied lyophilized with no additives.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
