

## Product datasheet for **TP723368**

### Prokineticin 2 (PROK2) (NM\_021935) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human prokineticin 2 (PROK2), transcript variant 2.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AVITGACDKD SQCGGGMCCA VSIWKSIRI CTPMGKLGDS CHPLTRKVPF FGRRMHHTCP CLPGLACLRT SFNRFICLAQ K
Tag:	Tag Free
Predicted MW:	8.8 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:	<a href="#">NP_068754</a>
Locus ID:	60675
UniProt ID:	<a href="#">Q9HC23</a>
RefSeq Size:	1406
Cytogenetics:	3p13
RefSeq ORF:	324
Synonyms:	BV8; HH4; KAL4; MIT1; PK2



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**Summary:**

This gene encodes a protein expressed in the suprachiasmatic nucleus (SCN) circadian clock that may function as the output component of the circadian clock. The secreted form of the encoded protein may also serve as a chemoattractant for neuronal precursor cells in the olfactory bulb. Proteins from other vertebrates which are similar to this gene product were isolated based on homology to snake venom and secretions from frog skin, and have been shown to have diverse functions. Mutations in this gene are associated with Kallmann syndrome 4. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Secreted Protein