

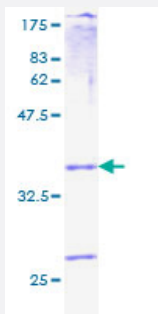
Full-Length

PROK1 (Human) Recombinant Protein (P01)

Catalog # H00084432-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PROK1 full-length ORF (AAH25399, 1 a.a. - 105 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRGATRVSIMLLLVTVSDCAVITGACERDVQCGAGTCCAISLWLRGLRMCTPLGREGEECHPGS HKIPFFRKRRKHHTCPCLPNLLCSRFPDGRYRCSMDLKNINF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
Interspecies Antigen Sequence	Mouse (86); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PROK1

Entrez GeneID [84432](#)

GeneBank Accession# [BC025399](#)

Protein Accession# [AAH25399](#)

Gene Name PROK1

Gene Alias EGVEGF, PK1, PRK1

Gene Description prokineticin 1

Omim ID [606233](#)

Gene Ontology [Hyperlink](#)

Gene Summary Endocrine gland-derived vascular endothelial growth factor (EG-VEGF) induces proliferation, migration, and fenestration in capillary endothelial cells derived from endocrine glands. Its expression is induced by hypoxia and is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta). Its expression is often complementary to the expression of VEGF (MIM 192240), suggesting that these molecules function in a coordinated manner.[supplied by OMIM]

Other Designations OTTHUMP00000013289|black mamba toxin-related protein|mambakine

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Kidney Failure](#)