Datasheet for ABIN6700909

Prokineticin 1 Protein (Prok1)

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Overview

Quantity:	20 µg
Target:	Prokineticin 1 (Prok1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Endocrine Gland Vascular Endothelial Growth Factor Recombinant Protein
Purification:	Endocrine Gland Vascular Endothelial Growth Factor purity was determined to be greater than 97% as determined by analysis by HpLC, UV-Spectroscopy at 280nm and by reducing and non-reducing SDS-pAGE.
Purity:	97,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by the dose-dependent proliferation of MIA PaCa-2 cells and is typically 1-4 µg/mL.

Target Details

Target:	Prokineticin 1 (Prok1)
Alternative Name:	PROK1 (Prok1 Products)
Background:	Synonyms: Prokineticin 1,

Target Details

	Background: Endocrine Gland-derived Vascular Endothelial Growth Factor (EG-VEGF) is an angiogenic growth factor specifically expressed in the ovaries, testis, adrenal and placental tissues. The identification of tissue-selective angiogenic factors raises the possibility that other secreted molecules in this class exist. EG-VEGF expression correlates with vascularity in polycystic ovary syndrome, a leading cause of infertility. Recombinant human EG-VEGF is a non-glycosylated protein, containing 86 amino acids, with a molecular weight of 9.6 kDa.
UniProt:	P58294

Application Details

Application Notes:	Other: User Optimized Application_Note: Endocrine Gland Vascular Endothelial Growth Factor Recombinant Protein has bene tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Endocrine Gland Vascular Endothelial Growth Factor in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 20 µL (20-200 µL)
Concentration:	0.1 mg/mL
Buffer:	Buffer: 0.1 % Trifluoroacetic acid Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months