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Datasheet for ABIN5505745

Pleiotrophin Protein (PTN) (GST tag,His tag)

1 Image

Overview

Quantity:	50 µg
Target:	Pleiotrophin (PTN)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pleiotrophin protein is labelled with GST tag,His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none"> Recombinant human Purified recombinant protein of Human pleiotrophin (PTN), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50 µg (full length, N-term GST tag, C-term His tag) protein expressed in E.coli. Produced with end-sequenced ORF clone
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Pleiotrophin (PTN)
Alternative Name:	pleiotrophin (PTN Products)
Background:	The protein encoded by this gene is a secreted heparin-binding growth factor. The protein has significant roles in cell growth and survival, cell migration, angiogenesis and tumorigenesis.

Target Details

Alternative splicing and the use of alternative promoters results in multiple transcript variants.

Molecular Weight: 44.8 kDa

NCBI Accession: [NP_002816](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal,N-terminal.

Restrictions: For Research Use only

Handling

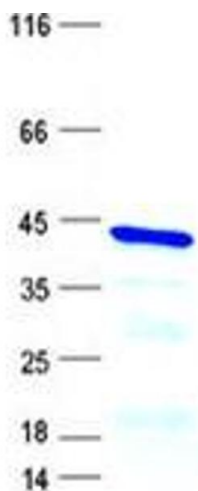
Concentration: 50 µg/mL

Buffer: 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot