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Datasheet for ABIN2735668

XPNPEP1 Protein (Transcript Variant 2) (His tag)

1 Image

Overview

Quantity:	10 µg
Target:	XPNPEP1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This XPNPEP1 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human XPNPEP1 (transcript variant 2) protein expressed in E. coli.• Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

Target:	XPNPEP1
Alternative Name:	Xpnpep1 (XPNPEP1 Products)
Background:	Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. [UniProtKB/Swiss-Prot Function]

Target Details

Molecular Weight: 70.6 kDa

NCBI Accession: [NP_001161076](#)

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.

Restrictions: For Research Use only

Handling

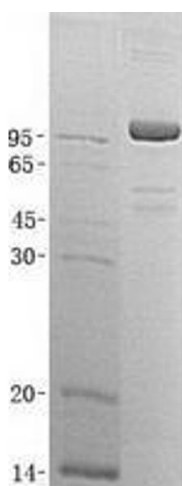
Concentration: 50 µg/mL

Buffer: 20 mM Tris-HCl, 10 % Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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