

Datasheet for ABIN7597432

DPEP3 Protein (AA 36-463) (His tag)



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Overview

Quantity:	10 µg
Target:	DPEP3
Protein Characteristics:	AA 36-463
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPEP3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human DPEP3 Protein with C-terminal 10xHis tag
Sequence:	DPEP3(Ala36-Ser463) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	DPEP3
Alternative Name:	DPEP3 (DPEP3 Products)
Background:	<p>MBD3</p> <p>This gene encodes a membrane-bound glycoprotein from the family of dipeptidases involved in hydrolytic metabolism of various dipeptides, including penem and carbapenem beta-lactam antibiotics. This gene is located on chromosome 16 in a cluster with another member of this</p>

Target Details

family. Alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 48.3 kDa after removal of the signal peptide.

UniProt: [Q9H4B8](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months