

Datasheet for ABIN7607685

CNDP1 Protein (AA 28-507) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CNDP1
Protein Characteristics:	AA 28-507
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CNDP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CNDP1 Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave carnosine (beta-Ala-L-His) in a two-step assay. The specific activity is >250 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	CNDP1
Alternative Name:	Carnosine dipeptidase 1 (CNDP1 Products)

Target Details

Background:	Carnosine dipeptidase 1, Glutamate carboxypeptidase-like protein 2, Beta-Ala-His dipeptidase, CNDP1, CN1, CNDP dipeptidase 1, Serum carnosinase, CPGL2
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UniProt:	Q96KN2
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
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Expiry Date:	12 months
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