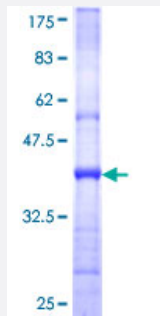


CNDP2 (Human) Recombinant Protein (Q01)

Catalog # H00055748-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CNDP2 partial ORF (NP_060705, 191 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VCISDNYWLGKKKPCITYGLRGICYFFIEVECSNKDLHSGVYGGSVHEAMTDLILLMGSLVDKRGNI LIPGINEAVAAVTEEEHKLYDDIDFDIEEFAKDVGAQILLHSH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CNDP2

Entrez GeneID	55748
GeneBank Accession#	NM_018235
Protein Accession#	NP_060705
Gene Name	CNDP2
Gene Alias	CN2, CPGL, FLJ10830, HsT2298, PEPA
Gene Description	CNDP dipeptidase 2 (metallopeptidase M20 family)
Omim ID	169800
Gene Ontology	Hyperlink
Gene Summary	CNDP2, also known as tissue carnosinase and peptidase A (EC 3.4.13.18), is a nonspecific dipeptidase rather than a selective carnosinase (Teufel et al., 2003 [PubMed 12473676]).[supplied by OMIM]
Other Designations	CNDP dipeptidase 2 cytosolic nonspecific dipeptidase peptidase A

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)