

Dipeptidase 1 Recombinant Protein | DPEP1 recombinant protein

Recombinant Dipeptidase 1, Renal (DPEP1)

CATALOG # AAA144257	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Dipeptidase 1; Recombinant Dipeptidase 1; Renal (DPEP1); DPEP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. DFFRDEAE RIMRDSVID GHNDLPWQLL DMFNNRLQDE RANLTTLAGT HTNIPKLRAG FVGGQFWSVY TPCDTQNKDA VRRTLEQMDV VHRMCRMYPE TFLYVTSSAG IRQAFREGKV ASLIGVEGGH SIDSSLGVLR ALYQLGMRYL TLTHSCNTPW ADNWLVDGTD SEPQSQGLSP FGQRVVKELN RLGVLIDLAH VSVATMKATL QLSRAPVIFS HSSAYSVCAS RRNPDDVLR LVKQTDLSVM VNFYNNYISC TNKANLSQVA DHDHIKEVA GARAVGFGGD FDGVPRVPEG LEDVSKYPDL IAELLRRNWT EAEVKGALAD NLLRVFEAVE QASNLTQAPE EEPIPLDQLG GSCRTHYGYS SGASSLHRHW GLLASLAPL VLCLSL
Sequence Length	411
Applicable Applications for DPEP1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	47.5KDa
Accurate Molecular Mass (KD)	48kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal tags, his-tag and T7 tag
Organism Species	Homo sapiens (Human)
Fragment	Asp17~Leu411
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

Online datasheet: <https://stage.aaabiotech.com/dpep1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144257>