

Recombinant Human XPNPEP1 Protein

| Catalog # | Source | Reactivity | Applications |
|-----------|---------|------------|---------------------|
| CRP2542 | E. coli | Human | E, WB, SDS-PAGE, MS |

| | |
|---------------------------|--|
| Description | Recombinant Human XPNPEP1 Protein is produced by our E. coli expression system and the target gene encoding Pro2-His623 is expressed with a 6His tag at the C-terminus. |
| Form | Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 8.0. |
| Gene Symbol | XPNPEP1 |
| Alternative Names | XPNPEPL; XPNPEPL1; Xaa-Pro aminopeptidase 1; Aminoacylproline aminopeptidase; Cytosolic aminopeptidase P; Soluble aminopeptidase P; sAmp; X-Pro aminopeptidase 1; X-prolyl aminopeptidase 1, soluble |
| Entrez Gene | 7511 (Human) |
| SwissProt | Q9NQW7 (Human) |
| Purity | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. |
| Chemical Structure | MPPKVTSELL RQLRQAMRNS EYVTEPIQAY IIPSGDAHQS EYIAPCDCRR AFVSGFDGSA GTAIITEEHA AMWTDGRYFL QAAKQMDSNW TLMKMGLKDT PTQEDWLVSV LPEGSRVGVD PLIIPTDYWK KMAKVLRSAG HHLIPVKENL VDKIWTRPE RPCKPLLTGL LDYTGISWKD KVADLRKMA ERNVMWVVT ALDEIAWLFN LRGSDVEHNP VFFSYAIIGL ETIMLFIDGD RIDAPSVKEH LLLDLGLEAE YRIQVHPYKS ILSLKALCA DLSPREKVWV SDKASYAVSE TIPKDHRCM PYTPICIAKA VKNSAESEGM RRAHIKDAVA LCELFNWLEK EVPKGGVTEI SAADKAEFR RQQADFVDSL FPTISSTGPN GAIHYAPVP ETNRTLSDLE VYLIDSGAQY KDGTTDVTRT MHFGTPTAYE KECFTYVLKG HIAVSAAVFP TGTKGHLLDS FARSALWDSG LDYLGHTGHG VGSFLNVHEG PCGISYKTF S DEPLEAGMIV TDEPGYYEDG AFGIRIENVV LVVPVKTKYN FNNRGLTFE PLTLVPIQTK MIDVDSLTDK ECDWLNNYHL |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

TCRDVIGKEL QKQGRQEALWLIRETQPISKQHSHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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