

PENK recombinant protein

Recombinant Human PENK Protein

CATALOG # AAA263252	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

PENK; Recombinant Human PENK Protein; Proenkephalin-A; PENK recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	ECSQDCATCS YRLVRPADIN FLACVMECEG KLPSLKIWET CKELLQLSKP ELPQDGTSTL RENSKPEESH LLAKRYGGFM KRYGGFMKKM DELYPMEPEE EANGSEILAK RYGGFMKKDA EEDDSLANS DLLKELLETG DNRERSHHQD GSDNEEEVSK RYGGFMRLK RSPQLEDEAK ELQKRYGGFM RRVGRPEWWM DYQKRYGGFL KRFAEALPSD EEGESYSKEV PEMEKRYGGF MRFVDHHHHH H
Sequence Length	267
Applicable Applications for PENK recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for PENK recombinant protein	Recombinant Human PENK Protein is produced by our mammalian expression system and the target gene encoding Glu25-Phe267 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208879446
NCBI GeneID	5179
NCBI Accession #	NP_001129162.1
NCBI GenBank Nucleotide #	NM_001135690.2
UniProt Accession #	P01210 ; Q6FHC6 ; Q6FHE6 ; B2RC23
Molecular Weight	30,787 Da
NCBI Official Full Name	proenkephalin-A preproprotein

NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	PENK
NCBI Official Synonym Symbols	PE; PENK-A
NCBI Protein Information	proenkephalin-A
UniProt Protein Name	Proenkephalin-A
UniProt Gene Name	PENK
UniProt Synonym Gene Names	OGF
UniProt Entry Name	PENK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/penk-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263252>