

Human ERP72 protein, His tag (active)

Cat. No. GTX66987-pro

Applications Functional Assay**Species** Human**Package**

10 µg

Applications

Application Note

Specific activity > 10 A650/cm/min/mg. Enzymatic activity was confirmed by measuring the aggregation of insulin in the presence of DTT.

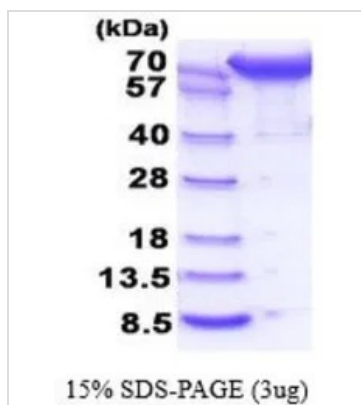
Properties

Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

N-terminal His-Tag; Length: 646 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MVAGAEGPDE DSSNRENAIE DEEEEEEDD DEEEDDLEVK EENGVLVLND ANFDNFVADK DTVLLEFYAP WCGHCKQFAP EYEKIANILK DKDPPPIPAK IDATSASVLA SRFDVSGYPT IKILKKGQAV DYEGSRTQEE IVAKVREVSQ PDWTPPPPEVT LVLTKENFDE VVNDADIILV EFYAPWCGHC KKLAPYEKA AKELSKRSPP IPLAKVDATA ETDLAKRFDV SGYPTLKIFR KGRPYDYNP REKYGIVDYM IEQSGPPSKE ILTLKQVQEF LKDGDDVIII GVFKGESDPA YQQYQDAANN LREDYKFHHT FSTEIAKFLK VSQGQLVVMQ PEKFQSKYEP RSHMMDVQGS TQDSAIKDFV LKYALPLVGH RKVSNDKRY TRRPLVVVY SVDFSFDYRA ATQFWRSKVL EVAKDFPEYT FAIADEEDYA GEVKDLGLSE SGEDVNAAIL DESGKKFAME PEEFSDTLR EFVTAFFKKGK LKPVKSQPV PKNNKGPVKV VVGKTFDSIV MDPKKDVLIE FYAPWCGHCK QLEPVYNLSA KKYKGQKGLV IAKMDATAND VPSDRYKVEG FPTYFAPSG DKKNPVKFEG GDRDLEHLSK FIEEHATKLS RTKEEL

Expression System E. coli**Purity** > 90% by SDS-PAGE.**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES

GTX66987-pro Image

3 μ g of GTX66987-pro Human ERP72 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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