

Z (PROZ) Recombinant Protein | PROZ recombinant protein

Recombinant Protein Z (PROZ)

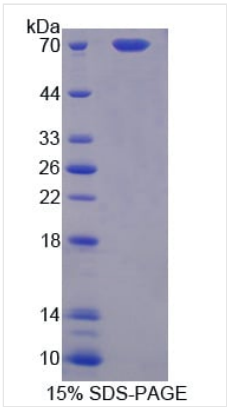
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144424	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Z (PROZ); Recombinant Protein Z (PROZ); PROZ recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 800ug/mL (varies by lot)
Sequence	SVFLPAPKAN NVLRRWRRGS SYFLEEIFQG NLEKECYEEV CNYEEAREVF ENDVITDEFW RQYGGGSPCV SQPCLNNGTC EDHIRSYSCT CSPGYEGKTC AMAKNECHLE RTDGCQHFCF PGQSSYMCSC AKGYKLGKDQ KSCGPSDKCA CGALTSEHIR MTKSSQSQPS FPWQVRLTNS EGEDFCAGVL LQEDFVLTTA KCSLLHSNIS VKANVDQRIR IKSTHVHMRY DEESGENDVS LLQLEEPLQC PSSGLPVCVP ERDFAEHVLI PGTEGLLSGW MLNGTHLATT PMLLSVTQAD GECEGQTLNV TVTTRTSCEK GSVVMGPWVE GSVVTREHKG TWFLTGILGS PPPPGQSQML LLTAVPRYSM WFKQIMK
Applicable Applications for PROZ recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser23~Lys399
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	823674522
NCBI GeneID	8858
Molecular Weight	Predicted Molecular Mass: 71.9kDa Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	PROZ, partial
NCBI Official Synonym Full Names	protein Z, vitamin K-dependent plasma glycoprotein
NCBI Official Symbol	PROZ
NCBI Official Synonym Symbols	PZ
NCBI Protein Information	vitamin K-dependent protein Z
UniProt Protein Name	Vitamin K-dependent protein Z
UniProt Gene Name	PROZ
UniProt Entry Name	PROZ_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/proz-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144424>