

Zona Pellucida Glycoprotein 2 Recombinant Protein | ZP2 recombinant protein

Recombinant Zona Pellucida Glycoprotein 2, Sperm Receptor (ZP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144436	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Zona Pellucida Glycoprotein 2; Recombinant Zona Pellucida Glycoprotein 2; Sperm Receptor (ZP2); ZP2 recombinant protein

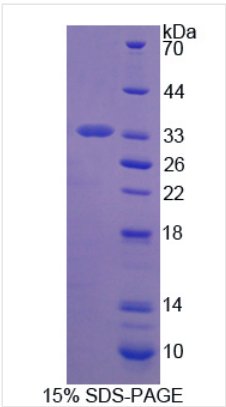
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for ZP2 recombinant protein	Positive Control, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Leu353~Pro616
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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°C. Aliquot and store at -80°C. 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°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.

IMAGES

LCTROGFM DFEVYSHQTK PALHLESLLV GNSSCOPIFK VQSLGLARFH
IPLNGCGTRQ KFEQDKVIYE NEIHALWENP PSNIIFRNE FRMTVRCHYI
RDSMLLRAHI KSHSSPVASV KPGPLALVLQ TYPDISYQRP YRKNEYPLVR
YLRQPIYHEV TVLIIRIDPHI KLVLDCCMAT TFEDPASVPQ WQIIMDGCEY
ELDNYRTTFH AAHSSAAHSG HYQRFVKTF AFVSESRLS SLIYFHCAL
ICNQASPLCS VTCPAP

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 33.8kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
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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://www.aaabiotech.com/zona-pellucida-glycoprotein-2-recombinant-protein-e-coli-positive-control-wb-western-blot-sds-page/144436>