Recombinant Full Length Rabbit Zona Pellucida Sperm-Binding Protein 4(Zp4) Protein, His-Tagged

Cat. No. RFL24167OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rabbit Zona pellucida sperm-binding protein 4(ZP4) Protein (Q00193) (25-466aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Oryctolagus cuniculus
Source	E.coli
ProteinLength	Full Length of Mature Protein (25-466)
Form	Lyophilized powder
AA Sequence	KQPKPETPTDPGVLHCRPWNFKFTINFQNQETGSSPVLVTWDNQGRLHRLQNDTD CGTRVGEGPGPSVVLEANYSSCYVTESEPYYVMLVGVEEVDAAGQNLVTKQQLLK CPMHLPAPDAGLCDSVPVQDRLPCATAPISQEDCEELGCCHSSEEVNACYYGNTVT SHCTQEGHFSIAVSRNVSSPPLHLDSVHLVFGNDSECQPVVATRAFVLFLFPFTACG TTRQITGDRAIYENELLATREVRTWSRGSITRDSIFRLRVSCSYSISSSALPVDMHVLT LPPPLPETQPGPLTVVLQIAKDKDYHSYYTMDDYPVVKLLRDPIYVDVSILYRTDPYL GLRLHQCWATPRTNPLYQPQWPILVKGCPYTGDNYQTQLIPVQEAFDLPFPSHHQR FSISTFSFLDSSVAKEALKGPIYLHCSVSVCQPTGTQSCTVTCPIDSRRRNSDINFQN STANISSKGPMI
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ZP4
Synonyms	ZP4; ZPB; ZPX; Zona pellucida sperm-binding protein 4; RC55; Zona pellucida glycoprotein 4; Zp-4; Zona pellucida glycoprotein X; Zp-X; Zona pellucida protein B
UniProt ID	Q00193

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