



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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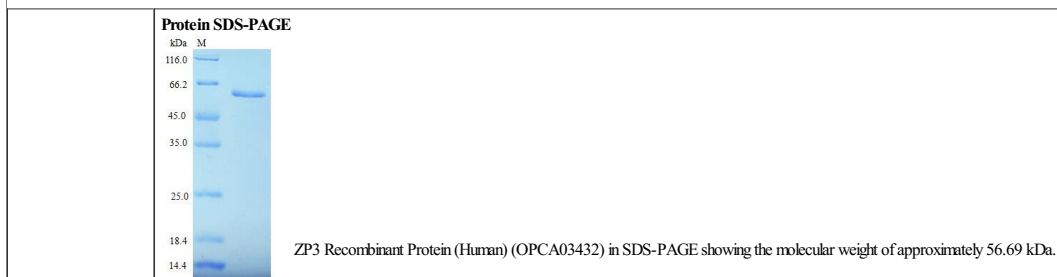
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Product Number	OPCA03432
Product Page	www.avivasysbio.com/zp3-recombinant-protein-human-opca03432.html
Name	ZP3 Recombinant Protein (Human) (OPCA03432)
Protein Size (# AA)	Recombinant amino acids
Molecular Weight	56.6 kDa
Tag	N-terminal 6xHis-SUMO-tagged
NCBI Gene Id	7784
Host	Human
Purity	Greater than 90% as determined by SDS-PAGE.
Source	E.coli
Gene Full Name	zona pellucida glycoprotein 3
Protein Range	23-387 aa
Alias Symbols	OOMD3;sperm receptor;Zona pellucida glycoprotein 3;zona pellucida glycoprotein 3B;zona pellucida glycoprotein ZP3;zona pellucida protein C;zona pellucida sperm-binding protein 3;Zp-3;ZP3A;ZP3A/ZP3B;Z
Peptide Sequence	QPLWLLQGGASHPETSVPVLVEQAEATLMVMVSKDLFGTGKLIRAADLTGLPEACEPLVSMDTEDVVRFEVGLHECGNSMQVTDDALVYSTFLHDPVGNLSIVRTNRAEPIECRYPRQGNV
Product Format	Liquid or Lyophilized powder
Reference	Cloning and characterization of the human sperm receptor ligand ZP3: evidence for a second polymorphic allele with a different frequency in the Caucasian and Japanese populations.van Duin M., Polman J.E., Ver
Description of Target	The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins, ZP1, ZP2,
Reconstitution and Storage	-20°C or -80°C
Protein Sequence	QPLWLLQGGASHPETSVPVLVEQAEATLMVMVSKDLFGTGKLIRAADLTGLPEACEPLVSMDTEDVVRFEVGLHECGNSMQVTDDALVYSTFLHDPVGNLSIVRTNRAEPIECRYPRQGNV
Datasheets/Manuals	Printable datasheet for ZP3 Recombinant Protein (Human) (OPCA03432) (OPCA03432)
Additional Information	Relevance: The mammalian zona pellucida, which mediates species-specific sperm binding, induction of the acrosome reaction and prevents post-fertilization polyspermy, is composed of three to four glycoproteins,
Formulation	20 mM Tris-HCl based buffer, pH 8.0
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose
Uniprot ID	P21754
Protein Name	Zona pellucida sperm-binding protein 3
Protein Accession #	NP_001103824.1
Nucleotide Accession #	NM_001110354.1
Gene Symbol	ZP3
Predicted Species Reactivity	Homo sapiens Human



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Optimal conditions of its use should be determined by end users.

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