

Product datasheet

Recombinant Human IZUMO4 protein ab196091

Description

Product name	Recombinant Human IZUMO4 protein	
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	<u>Q1ZYL8</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>HGCLHCHSNFSKKFSFYRHHVNFKSWVVDIPVSGALLT DWSDDTMKELH LAIPAKITREKLDQVAVYQMMDQLYQGKMYFPGYFPNE LRNIFREQVH LIQNAIIESRIDCQHRCGIFQYETISCNCTDSHVACFGYNC ESSAQWKS AVQGLLNYNWVHKQDTSMSLVSPALRCLEPPHLANLTLE DAAECLKQHV DDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPK PKDTLMISRTP EVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ YNSTYRVVSVLT VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQ VYTLPPSREE MTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPP VLDSGDGSFFLY SKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSP GK</p>	
Predicted molecular weight	50 kDa including tags	
Amino acids	16 to 214	
Tags	Fc tag C-Terminus	
Additional sequence information	Fused with a FC tag at the C-terminus.	

Specifications

Our **Abpromise guarantee** covers the use of **ab196091** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	HPLC SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer

Lyophilized from a 0.2 µM filtered solution.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles

General Info

Tissue specificity	Detected in sperm.
Sequence similarities	Belongs to the Izumo family.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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