

# Recombinant Human IZUMO1 protein ab127522

## Description

Product name	Recombinant Human IZUMO1 protein
Purity	> 95 % Purified via His tag. >95% by SDS Page
Expression system	Escherichia coli
Accession	<a href="#">Q8IYV9</a>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	19 kDa
Amino acids	51 to 211
Tags	His-DHFR tag N-Terminus

## Specifications

Our [Abpromise guarantee](#) covers the use of **ab127522** in the following tested applications.

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

Applications	SDS-PAGE
Form	Lyophilized

## Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Reconstitution	Reconstitute with water to desired concentration

## General Info

Function	Involved in the fertilization process. May be involved in the fusion of the sperm with the egg.
Tissue specificity	Sperm-specific (at protein level). Detectable on sperm surface only after the acrosome reaction.

<b>Sequence similarities</b>	Belongs to the Izumo family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
<b>Post-translational modifications</b>	N-glycosylated. Glycosylation is not essential for fusion and for proper protein trafficking in sperm. Phosphorylated.
<b>Cellular localization</b>	Membrane.

---

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors