



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### Frizzled-1, Fc Fusion

Human, recombinant, Fc fusion protein

**Catalog #:** 71123

**Lot#:** 140226    **Conc.:** 0.29 mg/ml

**Formulated in:** Sterile-filtered (0.2 µm) solution of 40 mM Tris, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

**Stability:** >6 months at -80°C. *Avoid freeze/thaw cycles.*

**References:**

1. Moffat LL., *et al.*, *Development*. 2014 Feb; **141(3)**:617-28.
2. Surana, R., *et al.*, *Biochim Biophys Acta*. 2014 Jan; **1845(1)**:53-65.

**Description:**

Secreted frizzled receptor (FZD1)-Fc fusion protein and WNT receptor, also known as FZD1, GenBank Accession No.BC\_051271, a.a. 73-253, expressed in a HEK293 cell expression system. MW = 46.4 kDa (monomer). This protein runs at a higher apparent M.W. by SDS-PAGE due to glycosylation.

**Application:**

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

## Quality Assurance

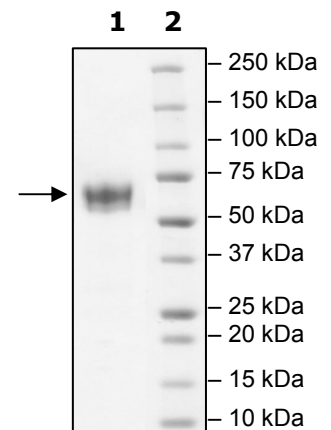
**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
2 µg sFZD1-Fc

**Lane 2:**  
Protein Marker

**MW:** 46.4 kDa

**Purity:** ≥90%



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**Sequence:**

QAAGQGPGQGPGGQPPPPPPQQQQSGQQYNGERGISVDPDHGYCQPISIP LCTDIAY  
NQTIMP NLLGHTNQEDAGLEVHQFYPLVKVQCSAELKFFLC SMYAPVCTVLEQALPPC  
RSLCERARQGCEALMNKFGFQWPDTLKCEKFPVHGAGELCVGQNTSDKGTPTPSLLP  
EFWTSNPQHIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEV  
TCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNG  
KEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPS  
DIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSVMHEAL  
HNHYTQKSLSLSPGK

Black: FZD1 (aa 73-253)

Green: linker

Red: Fc of human IgG1 (aa100-330) (#P01857)

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