

## Data Sheet

### Frizzled-7, Fc Fusion

Human, recombinant, Fc fusion protein

**Catalog #:** w81150

**Lot#:** 140408      **Conc.:** 0.44 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 (FZD7)-Fc fusion protein and WNT receptor, also known as FZD7, GenBank Accession No. BC\_015915, a.a. 33-185, expressed in a HEK293 cell expression system. MW = 43.3 kDa (monomer). This protein runs at a higher apparent M.W. by SDS-PAGE due to glycosylation.

#### Application:

Useful for binding studies, screening inhibitors, and selectivity profiling.

## Quality Assurance

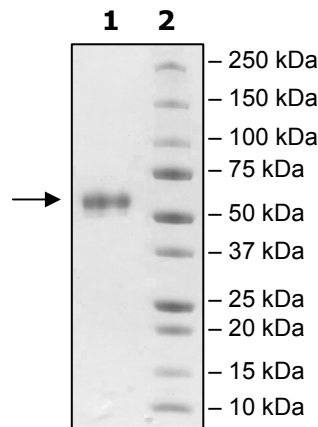
### 4-20% SDS-PAGE Coomassie staining

**Lane 1:**  
2 µg sFZD7

**Lane 2:**  
Protein Marker

**MW:** 43.3 kDa

**Purity:** ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



9891 Irvine Center Dr. Suite 200

Irvine, CA 92618

United States

Tel: 1.800.831.1518

Fax: 1.800.831.1518

Email: [sale@westbioscience.com](mailto:sale@westbioscience.com)

**Sequence:**

QPYHGEEKGISVPDHGFCQPISIPLCTDIAYNQITLPNLLGHTNQEDAGLEVHQFYPLVKV  
QCSPELRFFLCSMYAPVCTVLDQAIPPCRSLCERARQGCEALMNKFGFQWPERLRCE  
NFPVHGAGEICVGQNTSDGSGGGPGGGPTAYPTAPYLIEGRMDPKSCDKTHTCPPCPA  
PELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKT  
KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQ  
VYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFL  
YSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

Black: FZD7 (a.a. 33-185)

Green: linker

Red: Fc of human IgG1 (a.a. 100-330) (#P01857)

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.