

**FRS2 Blocking Peptide**  
**Catalog # PBV10382b****Specification**

---

**FRS2 Blocking Peptide - Product Information**

Primary Accession	<a href="#">O8WU20</a>
Other Accession	<a href="#">NP_006645.3</a>
Gene ID	<b>10818</b>
Calculated MW	<b>57029</b>

**FRS2 Blocking Peptide - Additional Information****Gene ID** 10818**Application & Usage**

**The peptide is used for blocking the antibody activity of FRS2. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

**Other Names**

Fibroblast growth factor receptor substrate 2, FGFR substrate 2, FGFR-signaling adaptor SNT, Suc1-associated neurotrophic factor target 1, SNT-1, FRS2

**Target/Specificity**

FRS2

**Formulation**

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

FRS2 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**FRS2 Blocking Peptide - Protein Information****Name** FRS2**Function**

Adapter protein that links activated FGR and NGF receptors to downstream signaling pathways. Plays an important role in the activation of MAP kinases and in the phosphorylation of PIK3R1, the

regulatory subunit of phosphatidylinositol 3-kinase, in response to ligand-mediated activation of FGFR1. Modulates signaling via SHC1 by competing for a common binding site on NTRK1.

**Cellular Location**

Endomembrane system. Note=Cytoplasmic, membrane- bound

**Tissue Location**

Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis

**FRS2 Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FRS2 Blocking Peptide - Images**