

FRS2 Blocking Peptide
Catalog # PBV10382b**Specification**

FRS2 Blocking Peptide - Product Information

Primary Accession	O8WU20
Other Accession	NP_006645.3
Gene ID	10818
Calculated MW	57029

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