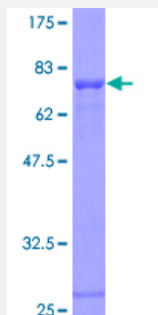


FRS2 (Human) Recombinant Protein (Q01)

Catalog # H00010818-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FRS2 partial ORF (AAH21562.1, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGSCCSCPDKDTPDNHRNKFKVINVDDDGNELGSGIMELTDTTELILYTRKRDSVKWHYLCRRYGYDSNLFSESGRRCQTGGQIFAFKCARAEELFNMSQEQIMQNNNSINVVEEPVVERNHHQTELEVPRTPTPTTPGFAAQNLNGYPRYPFGDASSHPSSRHPSVGSARLPSVGEESTHPLLVAEEQVHTYVNTTGQVEERKNRTSVHVPLEARVSNAESSTPKEEPSSIEDRDPQILLEPEGVKFVLGPTPVQKQLMEKEKLEQLGRDQVSGSGANNTTEWDTGYDSDERRDAPSVNKLVEYENINGLSIPSASGVRRGRLTSTSTSDTQNNNSAQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.14
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FRS2

Entrez GeneID [10818](#)

GeneBank Accession# [BC021562](#)

Protein Accession# [AAH21562.1](#)

Gene Name FRS2

Gene Alias FRS2A, FRS2alpha, SNT, SNT-1, SNT1

Gene Description fibroblast growth factor receptor substrate 2

Omim ID [607743](#)

Gene Ontology [Hyperlink](#)

Other Designations FGFR signalling adaptor|suc1-associated neurotrophic factor target

Publication Reference

- [STAT1 and STAT3 do not participate in FGF-mediated growth arrest in chondrocytes.](#)

Krejci P, Salazar L, Goodridge HS, Kashiwada TA, Schibler MJ, Jelinkova P, Thompson LM, Wilcox WR.
Journal of Cell Science 2008 Jan; 121(Pt 3):272.

Application: KA, Recombinant protein

- [Bisindolylmaleimide I suppresses FGF-mediated activation of ERK map kinase in chondrocytes by preventing SHP2 association with the FRS2 and GAB1 adaptor proteins.](#)

Krejci P, Masri B, Salazar L, Farrington-Rock C, Prats H, Thompson LM, Wilcox WR.

The Journal of Biological Chemistry 2006 Dec; 282(5):2929.

Application: KA, IP, Rat, RCS cells

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)