Suppression of Tumorigenicity 18 Protein (ST18) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Suppression of tumorigenicity 18 protein (St18), Recombinant Protein
Full Product Name	Recombinant Rat Suppression of tumorigenicity 18 protein (St18) , partial
Product Gene Name	St18 recombinant protein
Product Synonym Gene Name	St18
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	112,408 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9QX27
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for St18 recombinant protein	MBS1420262 is a recombinant protein targeting St18. Also known as Recombinant Rat Suppression of tumorigenicity 18 protein (St18) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of St18 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for St18. It may not necessarily be applicable to this product.

NCBI GI #	77628157
NCBI GeneID	266680
NCBI Accession #	NP_695222.2
UniProt Primary Accession #	Q9QX27
UniProt Secondary Accession #	P70588
UniProt Related Accession #	Q9QX27
GenBank Nucleotide #	NM_153310.2
NCBI Official Full Name	suppression of tumorigenicity 18 protein
NCBI Official Synonym Full Names	ST18, C2H2C-type zinc finger

NCBI Official Symbol	St18
NCBI Official Synonym Symbols	Nzf3; r-MyT3
UniProt Protein Name	Suppression of tumorigenicity 18 protein
UniProt Synonym Protein Names	C2-HC type zinc finger protein r-MyT3; Neural zinc finger factor 3; NZF-3
Protein Family	Suppression of tumorigenicity 18 protein
UniProt Gene Name	St18
UniProt Synonym Gene Names	Nzf3; NZF-3
NCBI Protein Information	suppression of tumorigenicity 18 protein
NCBI Summary for St18	may play a role in transcriptional regulation of neural development [RGD, Feb 2006]
UniProt Comments for St18	Repressor that binds to DNA sequences containing a bipartite element consisting of a direct repeat of the sequence 5'-AAAGTTT-3' separated by 2-9 nucleotides. Represses basal transcription activity from target promoters.
Research Articles on St18	**1.** ST18 expression and activity are increased in cytotoxic conditions in pancreatic beta-cells. Overexpression of ST18 causes apoptosis.
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