

STAT3 Human

Signal Transducer and Activator of Transcription 3 Human Recombinant
ENZ1281

Product Overview

Name STAT3 Human

Description

Signal Transducer and Activator of Transcription 3 Human Recombinant

Accession (Primary) [P40763](#)

Synonyms

Starch Binding Domain 1, Genethonin 1, GENEX3414, Starch-Binding Domain-Containing Protein 1.

Introduction

STBD1 has one carbohydrate binding type-20 (CBM20) domain and has the ability to bind to carbohydrates. STBD1 is highly expressed in cardiac and skeletal muscles.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The STBD1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SGLVPRGSH MGS RGGPGDT GKDGDAEQEK DAPLGGAIP GGHQSGSSGL SPGPSGQELV
TKPEHLQESN GHLISKTKDL GKLQAASWRL QNPSREVCDN SREHVPSGQF PDTEAPATSE TSNSRSYSEV
SRNESLESPM GEWGFQKQGE ISAKAATCFA EKLPSNLLK NRAKEEMSL S DLNSQDRVDH EEWEMVPRHS
SWGVDVGVGGS LKAPVLNLNQ GMDNGRSTLV EARGQQVHGK MERVAVMPAG SQQVSVRFQV HYVTSTDVQF
IAVTGDHECL GRWNTYIPLH YNKDGFWSHS IFLPADTVVE WKFVLVENG VTRWEECSNR FLETGHEDKV
VHAWWGIH

Precautions

STAT3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P40763](#))
