9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

STBD1 Human

Starch Binding Domain 1 Human Recombinant
RCP2260

Product Overview

Name	STBD1 Human
Description	
Starch Binding Domain 1 Human Recombinant	
Accession (Primary)	O95210
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 SSGLVPRGSH MGS RGGPGDT GKDGDAEQEK DAPLGGAAIP GGHQSGSSGL SPGPSGQELV TKPEHLQESN GHLISKTKDL GKLQAASWRL QNPSREVCDN SREHVPSGQF PDTEAPATSE TSNSRSYSEV SRNESLESPM GEWGFQKGQE ISAKAATCFA EKLPSSNLLK NRAKEEMSLS DLNSQDRVDH EEWEMVPRHS SWGDVGVGGS LKAPVLNLNQ GMDNGRSTLV EARGQQVHGK MERVAVMPAG SQQVSVRFQV HYVTSTDVQF IAVTGDHECL GRWNTYIPLH YNKDGFWSHS IFLPADTVVE WKFVLVENGG VTRWEECSNR FLETGHEDKV VHAWWGIH	
Precautions	

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STBD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95210)