# abcam

# Product datasheet

# Recombinant Human STCH protein ab104640

# 1 Image

**Description** 

Product name Recombinant Human STCH protein

Purity > 95 % SDS-PAGE.

ab104640 is purified using conventional chromatography techniques.

Expression system Escherichia coli

Accession P48723

Protein length Full length protein

Animal free No

**Nature** Recombinant

**Species** Human

Sequence MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWG

SELEMQQYLPLPTPK

VIGIDLGTTYCSVGVFFPGTGKVKVIPDENGHISIPSMVSFT

DNDVYVGY

ESVELADSNPQNTIYDAKRFIGKIFTAEELEAEIGRYPFKVL

**NKNGMVEF** 

SVTSNETITVSPEYVGSRLLLKLKEMAEAYLGMPVANAVIS

**VPAEFDLKQ** 

RNSTIEAANLAGLKILRVINEPTAAAMAYGLHKADVFHVLVI

**DLGGGTLD** 

VSLLNKQGGMFLTRAMSGNNKLGGQDFNQRLLQYLYKQIY

QTYGFVPSRK

EEIHRLRQAVEMVKLNLTLHQSAQLSVLLTVEEQDRKEPH

**SSDTELPKDK** 

LSSADDHRVNSGFGRGLSDKKSGESQVLFETEISRKLFD

**TLNEDLFQKIL** 

VPIQQVLKEGHLEKTEIDEVVLVGGSTRIPRIRQVIQEFFGK

**DPNTSVDP** 

DLAVVTGVAIQAGIDGGFWPLQVSALEIPNKHLQKTNFN

Predicted molecular weight 54 kDa including tags

Amino acids 23 to 471

Tags His tag N-Terminus

**Specifications** 

Our Abpromise guarantee covers the use of ab104640 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

#### **Preparation and Storage**

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium

chloride

#### **General Info**

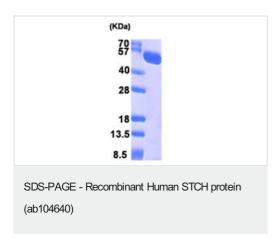
**Function** Has peptide-independent ATPase activity.

**Tissue specificity** Constitutively expressed in all tissues.

**Sequence similarities**Belongs to the heat shock protein 70 family.

**Cellular localization** Microsome. Endoplasmic reticulum.

## **Images**



15% SDS-PAGE analysis of 3µg ab104640.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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