

Product datasheet

Recombinant Human STYX protein (26-223aa) ab124584

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Description

Product name	Recombinant Human STYX protein (26-223aa)
Purity	> 85 % SDS-PAGE. ab124584 is purified using conventional chromatography techniques. Purity is >85% by SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q8WUJ0</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH SHMRREMQEI LPGLFLGPYS SAMKSKLPVL QKHGITHIIC IRQNEANFI KPNFQQLFRY LVLDIADNPV ENIIRFFPMT KEFIDGSLQM GGKVLVHGNA GISRSAAFVIAYIMETFGMK YRDAFAYVQE RRFCINPNAG FVHQLQEYEA YLAKLTIQM MSPLQIERSL SVHSGTTGSL KRTHEEEDDF GTMQVATAQN G
Predicted molecular weight	25 kDa including tags
Amino acids	26 to 223
Tags	His tag N-Terminus
Description	Recombinant Human STYX protein

Specifications

Our **Abpromise guarantee** covers the use of **ab124584** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF

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

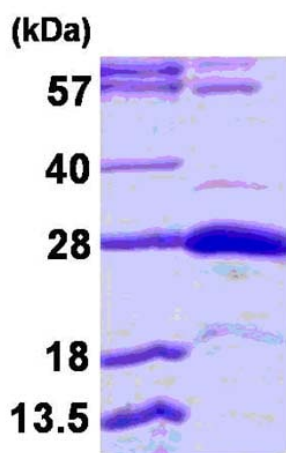
Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function Probable pseudophosphatase. Contains a Gly residue instead of a conserved Cys residue in the dsPTPase catalytic loop which renders it catalytically inactive as a phosphatase. The binding pocket is however sufficiently preserved to bind phosphorylated substrates, and maybe protect them from phosphatases. Seems to play a role in spermiogenesis.

Sequence similarities Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily. Contains 1 tyrosine-protein phosphatase domain.

Images



15% SDS-PAGE showing ab124584 at approximately 25kDa (3µg).

SDS-PAGE - Recombinant Human STYX protein
(ab124584)

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

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