

Product datasheet for **TP325273M**

STYX (NM_001130701) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human serine/threonine/tyrosine interacting protein (STYX), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC225273 protein sequence
Red=Cloning site **Green**=Tags(s)

MEDVKLEFPSPQPCKEDAEWYTPMRREMQEILPGLFLGPYSSAMKSKLPVLQKHGITHIICIRQNIEN
FIKPNFQQLFRYLVLADIADNPVENIIRFFPMTKEFIDGSLQMGGKVLVHGNAGISRSAAFVIAYIMETFG
MKYRDAAFAYVQERRFCINPNAGFVHQLQEYEAIIYAKLTIQMMSPQLIERSLSVHSGTTGSLKRTHEEED
DFGTMQVATAQNG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001124173](#)

Locus ID: 6815



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UniProt ID: [Q8WUJ0](#), [A0A024R641](#)

RefSeq Size: 4631

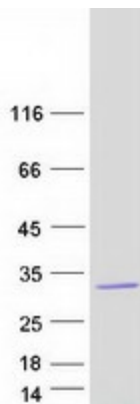
Cytogenetics: 14q22.1

RefSeq ORF: 669

Summary: The protein encoded by this gene is a pseudophosphatase, able to bind potential substrates but lacking an active catalytic loop. The encoded protein may be involved in spermiogenesis. Two transcript variants encoding the same protein have been found for these genes. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified STYX protein (Cat# [TP325273]). The protein was produced from HEK293T cells transfected with STYX cDNA clone (Cat# [RC225273]) using MegaTran 2.0 (Cat# [TT210002]).