

## Product datasheet for **TP302205M**

### STYX (NM\_145251) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human serine/threonine/tyrosine interacting protein (STYX), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC202205 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEDVKLEFPSPQPCKEDAEWYTPMRREMQEILPGLFLGPYSSAMKSKLPVLQKHGITHIICIRQNIEN  
FIKPNFQQLFRYLVLADIADNPVENIIRFFPMTKEFIDGSLQMGGKVLVHGNAGISRSAAFVIAYIMETFG  
MKYRDAFAYVQERRFCINPNAGFVHQLQEYEAIIYLAKLTIQMMSPQLIERSLSVHSGTTGSLKRTHEEED  
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\\_660294](#)

**Locus ID:** 6815



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

RefSeq Size: 4879

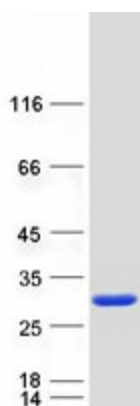
Cytogenetics: 14q22.1

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# [TP302205]). The protein was produced from HEK293T cells transfected with STYX cDNA clone (Cat# [RC202205]) using MegaTran 2.0 (Cat# [TT210002]).