

Product datasheet for PH325273

STYX (NM_001130701) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STYX MS Standard C13 and N15-labeled recombinant protein (NP_001124173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225273
Predicted MW:	25.5 kDa
Protein Sequence:	>RC225273 protein sequence Red=Cloning site Green=Tags(s) MEDVKLEFPSLPQCKEDAEEWTYPMRREMQEILPGLFLGPYSSAMKSKLPVLQKHGITHIICIRQNIEN FIKPNFQQLFRYLVLADIADNPVENIIRFFPMTKEFIDGSLQMGGKVLVHGNAGISRSAAFVIAYIMETFG MKYRDAFAYVQERRFCINPNAGFVHQLQEYEAIYLAKLTIQMMSPLQIERSLSVHSGTTGSLKRTHEEED DFGTMQVATAQNG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001124173
RefSeq Size:	4631
RefSeq ORF:	669
Locus ID:	6815
UniProt ID:	Q8WUJ0 , A0A024R641
Cytogenetics:	14q22.1



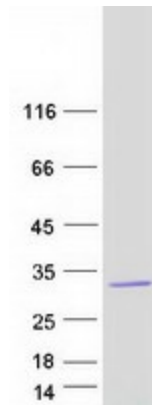
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Summary:

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]).