

Product datasheet for PH314071

YY1 associated factor 2 (YAF2) (NM_005748) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	YAF2 MS Standard C13 and N15-labeled recombinant protein (NP_005739)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214071
Predicted MW:	19.7 kDa
Protein Sequence:	>RC214071 representing NM_005748 Red=Cloning site Green=Tags(s) MGDKKSPTRPKRQPKPSSDEGYWDCSVCTFRNSAEAFKCMCDVVRKGTSTRKPRPVSQQLVAQVVTQQFVPTQSKKEKKDKVEKEKSEKETTSSKNSHKKTRPRLKNVDRSSAQHLEVTVDLTVIITDFKEKTKSPPASSAASADQHSQSGSSDNTERGMSRSSSPRGEASSLNGESH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_005739
RefSeq Size:	4096
RefSeq ORF:	540
Locus ID:	10138
UniProt ID:	Q8IY57
Cytogenetics:	12q12



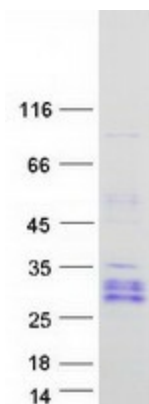
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Summary:

This gene encodes a zinc finger containing protein that functions in the regulation of transcription. This protein was identified as an interacting partner of transcriptional repressor protein Yy1, and also interacts with other transcriptional regulators, including Myc and Polycomb. This protein can promote proteolysis of Yy1. Multiple alternatively spliced transcript variants have been found. [provided by RefSeq, Feb 2016]

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Coomassie blue staining of purified YAF2 protein (Cat# [TP314071]). The protein was produced from HEK293T cells transfected with YAF2 cDNA clone (Cat# [RC214071]) using MegaTran 2.0 (Cat# [TT210002]).