

Product datasheet for PH326680

NFYC (NM_001142589) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NFYC MS Standard C13 and N15-labeled recombinant protein (NP_001136061)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226680
Predicted MW:	32.6 kDa
Protein Sequence:	>RC226680 representing NM_001142589 Red=Cloning site Green=Tags(s) MSTEGGFGGTSSSDAQQSLQSFWRPMEEIRNLTVKDFRVQELPLARIKKIMKLEDEDVKRNDIAMAITKF DQFDLIDIVPRDELKPPKRQEEVRQSVTPAEPVQYYFTLAQQPTAVQVQGQQGQQTTSSTTTIQPGQI IIAQPQQGQTPVTMQVGEQQVQIVQAQPQQQAQASGTGQTMQVMQQIITNTGEIQQIPVQLNAGQL QYIRLAQPVSGTQVVQGGIQTALATNAQQITQTEVQQGQQFSQFDGQQLYQIQVTPAGQDLAQPMMFI QSANQPSDGQAPQVTGD 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_001136061
RefSeq ORF:	891
Synonyms:	CBF-C; CBFC; H1TF2A; HAP5; HSM; NF-YC
Locus ID:	4802
UniProt ID:	Q13952



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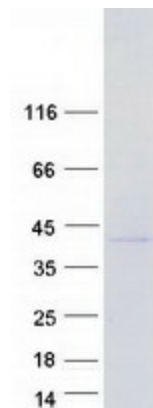
Cytogenetics: 1p34.2

Summary: This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

Protein Families: Transcription Factors

Protein Pathways: Antigen processing and presentation

Product images:



Coomassie blue staining of purified NFYC protein (Cat# [TP326680]). The protein was produced from HEK293T cells transfected with NFYC cDNA clone (Cat# [RC226680]) using MegaTran 2.0 (Cat# [TT210002]).