

Product datasheet for PH303924

COUP TF1 (NR2F1) (NM_005654) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NR2F1 MS Standard C13 and N15-labeled recombinant protein (NP_005645)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203924
Predicted MW:	46.6 kDa
Protein Sequence:	>RC203924 representing NM_005654 Red=Cloning site Green=Tags(s)

MAMVSSWRDPQDDVAGGNPGGPNPAAQAARGGGGAGEQQQQAGSGAPHTPQTGPQPGAPATPGTAGDK
GQGGPPGSGSQQHIECVVCGDKSSGKHYQFTCEGCKSFFKRSVRRNLTYTCRANRNCPIQDHRNQCQY
CRLKKCLKVGMRREAVQRGRMPPTQPNPGQYALTNGDPLNGHCYLSGYISLLLRAEPYPTSRYSQCMQP
NNIMGIENICELAAARLLFSAVEWARNIPFFDLQITDQVSLRLTWSELFVLNAAQCSMPLHVAPLLAAA
GLHASPMSADRVVAFMDHIRIFQEVEKALKALHVDSAEYSCLKAIVLFTSDACGLSDAAHIESLQEKSQC
ALEEYVRSQYPNQPSRFGKLLLRLPSLRTVSSSVIEQLFFVRLVGKTPIETLIRDMLLSGSSFNWPYMSI
QCS

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_005645
RefSeq Size:	3210
RefSeq ORF:	1269
Synonyms:	BBOAS; BBSOAS; COUP-TF1; COUPTF1; EAR-3; EAR3; ERBAL3; SVP44; TCFCOUP1; TFCOUP1



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Locus ID: 7025

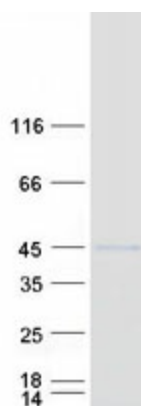
UniProt ID: [P10589](#)

Cytogenetics: 5q15

Summary: The protein encoded by this gene is a nuclear hormone receptor and transcriptional regulator. The encoded protein acts as a homodimer and binds to 5'-AGGTCA-3' repeats. Defects in this gene are a cause of Bosch-Boonstra optic atrophy syndrome (BBOAS). [provided by RefSeq, Apr 2014]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



Coomassie blue staining of purified NR2F1 protein (Cat# [TP303924]). The protein was produced from HEK293T cells transfected with NR2F1 cDNA clone (Cat# [RC203924]) using MegaTran 2.0 (Cat# [TT210002]).