

Product datasheet for PH309762

Activator of basal transcription 1 (ABT1) (NM_013375) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ABT1 MS Standard C13 and N15-labeled recombinant protein (NP_037507)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209762
Predicted MW:	31.1 kDa
Protein Sequence:	>RC209762 protein sequence Red=Cloning site Green=Tags(s) MEAESEKAATEQEPLEGTEQTLDAEEEQEESSEAAACGSKKRVVPGIVYLGHIPPRFPLHVRNLLSAYG EVGRVFFQAEDRFVRRKKKAAAAAGGKKRSYTKDYTEGWVEFRDKRIAKRVAASLHNTPMGARRRSPFRY DLWNLKYLHRFTWSHLSEHLAFERQVRRQRLRAEVAQAKRETDYFYLQSVERGQRFLAADGDPARPDGWSW FAQRPTQEQLRARKAARPGGRERARLATAQDKARSNKGLLARIFGAPPPSESMEGPSLVRDS SGPTRTRPLEQKLI 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_037507
RefSeq Size:	2264
RefSeq ORF:	816
Synonyms:	Esf2; hABT1
Locus ID:	29777
UniProt ID:	Q9ULW3 , A0A024R029



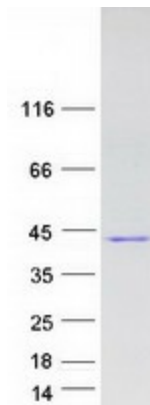
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Cytogenetics: 6p22.2

Summary: Basal transcription of genes by RNA polymerase II requires the interaction of TATA-binding protein (TBP) with the core region of class II promoters. Studies in mouse suggest that the protein encoded by this gene likely activates basal transcription from class II promoters by interaction with TBP and the class II promoter DNA. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ABT1 protein (Cat# [TP309762]). The protein was produced from HEK293T cells transfected with ABT1 cDNA clone (Cat# [RC209762]) using MegaTran 2.0 (Cat# [TT210002]).