

Product datasheet for **TP309762L**

Activator of basal transcription 1 (ABT1) (NM_013375) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human activator of basal transcription 1 (ABT1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC209762 protein sequence
Red=Cloning site **Green**=Tags(s)

MEAESEKAATEQEPLGTEQTLDAEEEQEESSEAAACGSKKRVPGIVYLGHIPPRFRPLHVRNLLSAYG
EVGRVFFQAEDRFVRRKKKAAAAAGGKKRSYTKDYTEGWVEFRDKRIAKRVAASLHNTPMGARRRSPFRY
DLWNLKYLHRFTWSHLSEHLAFERQVRRQLRAEVAQAKREDFYLSVERGQRFLAADGDPARPDGSGWT
FAQRPTQEQLRARKAARPGGRERARLATAQDKARSNKGLLARIFGAPPPSESMEGPSLVRDS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_037507](#)

Locus ID: 29777

UniProt ID: [Q9ULW3](#), [A0A024R029](#)



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RefSeq Size: 2264

Cytogenetics: 6p22.2

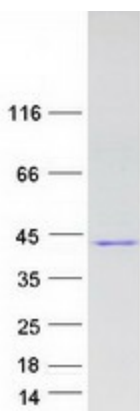
RefSeq ORF: 816

Synonyms: Esf2; hABT1

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]).