

Datasheet for ABIN667764

**Aprataxin Protein (APTX) (AA 1-168) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	Aprataxin (APTX)
Protein Characteristics:	AA 1-168
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aprataxin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	Aprataxin, 1-168aa, Human, His tag, E. coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	Aprataxin (APTX)
Alternative Name:	Aprataxin ( <a href="#">APTX Products</a> )
Background:	Aprataxin is a member of the histidine triad (HIT) superfamily, some of which have nucleotide-binding and diadenosine polyphosphate hydrolase activities. Aprataxin may play a role in single-stranded DNA repair. Mutations in the gene have been associated with neurological disorder known as ataxia oculomotor apraxia-1. Recombinant Aprataxin protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: APTX, AXA1, AOA,

Target Details

	AOA 1, AOA1, Aprataxin homolog, Ataxia 1 early onset with hypoalbuminemia, Ataxia1 early onset with hypoalbuminemia, AXA 1, EAOH, EOAHA, FHA HIT, FLJ20157, MGC1072, Forkhead associated domain histidine triad like, Forkhead associated domain histidine triad like protein. NCBI no.: NP_778241
Molecular Weight:	23.9kDa (205aa), confirmed by MALDI-TOF.
Pathways:	<a href="#">DNA Damage Repair</a> , <a href="#">Chromatin Binding</a>

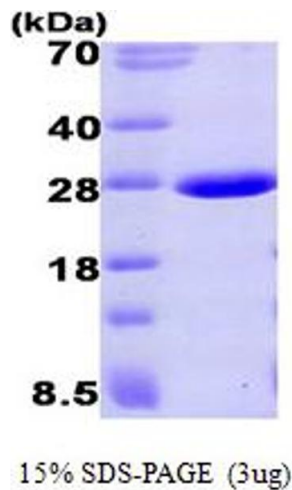
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	0.25 mg/ml (determined by Bradford assay)
Buffer:	Liquid. 20mM Tris-HCl buffer (pH7.5) containing 20% glycerol, 100mM NaCl, 0.1mM PMSF
Storage:	4 °C

Images



SDS-PAGE

Image 1.