

Recombinant Full Length Human ATPAF2 Protein, GST-tagged

Cat. No. ATPAF2-1503HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATPAF2 full-length ORF (NP_663729.1, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	289 amino acids
Description	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 alpha subunit and is thought to prevent this subunit from forming nonproductive homooligomers during enzyme assembly. This gene is located within the Smith-Magenis syndrome region on chromosome 17. An alternatively spliced transcript variant has been described, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]
Molecular Mass	59.2 kDa
AA Sequence	MWRSCRLRLD GGRLLNRPA GGPSASMSPG PTIPSPARAY APPTERKRFY QNV SITQ GEG GFEINLDHRK LKTPQAKLFT VPSEALAIIV ATEWDSQQDT IKYYTMHLTT LCNTSLDNPT QRNKDQLIRA AVKFLD TDTI CYRVEEPETL VELQRNEWDP IIEWA EKRYG VEISSSTSIM GPSIPAKTRE VLVSHLASYN TWALQGIEFV AAQLKSMVLT LGLIDLRLTV EQAVLLSRLE EEYQIQKWGN IEWAHDYELQ ELRARTAAGT LFIHLCSEST TVKHKLKE

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ATPAF2 ATP synthase mitochondrial F1 complex assembly factor 2 [Homo sapiens]
Official Symbol	ATPAF2
Synonyms	ATPAF2; ATP synthase mitochondrial F1 complex assembly factor 2; ATP12; Atp12p; LP3663; MGC29736; ATP12 homolog; ATP12p; MC5DN1
Gene ID	91647
mRNA Refseq	NM_145691
Protein Refseq	NP_663729
MIM	608918
UniProt ID	Q8N5M1

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