

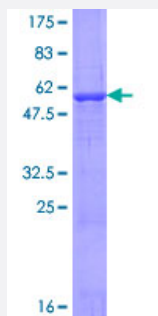
Full-Length

ATPAF2 (Human) Recombinant Protein (P01)

Catalog # H00091647-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ATPAF2 full-length ORF (NP_663729.1, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWRSCRLRLRDGGRLLNRPAGGPSASMSGPTIPSPARAYAPPTERKRFYQNVSTQGEFFFEIN
LDHRKLKTPQAKLFTVPSEALAIIVATEWDSQQDTIKYYTMHLTTLNNTSLDNPTQRNKDQLIRAAV
KFLD TD TIC YRVEEPETLVELQRNEWDP IIEWAEKRYGVEISSSTSIMGPSIPAKTREV LVSHLASYN
TWALQGIEFVAAQLKSMVLTLGLIDLRLTVEQAVLLSRLEEEYQIQKWGNIEWAHDYELQELRART
AAGTLFIHLCSESTTVKHKLLKE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.2

Interspecies Antigen Sequence

Mouse (87); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ATPAF2

Entrez GeneID[91647](#)**GeneBank Accession#**[NM_145691.3](#)**Protein Accession#**[NP_663729.1](#)**Gene Name**

ATPAF2

Gene Alias

ATP12, ATP12p, LP3663, MGC29736

Gene Description

ATP synthase mitochondrial F1 complex assembly factor 2

Omim ID[604273 608918](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

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Disease

- [Alzheimer Disease](#)
- [Dementia](#)
- [Genetic Predisposition to Disease](#)