

# Recombinant Human ATPIF1

Catalog No: #GP10881



Package Size: #GP10881-1 100ug

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## Description

Product Name	Recombinant Human ATPIF1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 26-106 amino acids of human ATPase inhibitory factor 1
Target Name	ATPase inhibitory factor 1
Other Names	IP; ATPi; ATPIP
Accession No.	Swissprot:Q9UII2Gene Accession:BC009677
Uniprot	Q9UII2
GenID	93974;
Storage	-20~-80°C, pH 7.6 PBS

## Background

ATPase inhibitor, mitochondrial?is an?enzyme?that in humans is encoded by the?ATPIF1?gene. This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. It prevents ATPase from switching to ATP hydrolysis during collapse of the electrochemical gradient, for example during oxygen deprivation ATP synthase inhibitor forms a one to one complex with the F1 ATPase, possibly by binding at the alpha-beta interface. It is thought to inhibit ATP synthesis by preventing the release of ATP. The inhibitor has two oligomeric states, dimer (the active state) and tetramer.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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