

# Recombinant Human NDUFA1

Catalog No: #GP11787



Package Size: #GP11787-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human NDUFA1
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa
Other Names	MWFE; ZNF183; CI-MWFE
Accession No.	Swissprot:O15239Gene Accession:BC000266
Uniprot	O15239
GeneID	4694;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH:ubiquinone oxidoreductase complex at the inner mitochondrial membrane.?

## References

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

Note: This product is for in vitro research use only