Recombinant Human NDUFA12 Protein (1-145 aa), GST-tagged

Cat. No. NDUFA12-2151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFA12 Protein (1-145 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-145 aa
Description	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Form	Tris-based buffer,50% glycerol
Molecular Mass	44.1 kDa
AA Sequence	MELVQVLKRGLQQITGHGGLRGYLRVFFRTNDAKVGTLVGEDKYGNKYYEDNKQFF GRHRWVVYTTEMNGKNTFWDVDGSMVPPEWHRWLHSMTDDPPTTKPLTARKFIW TNHKFNVTGTPEQYVPYSTTRKKIQEWIPPSTPYK
Purity	> 90% as determined by SDS-PAGE.

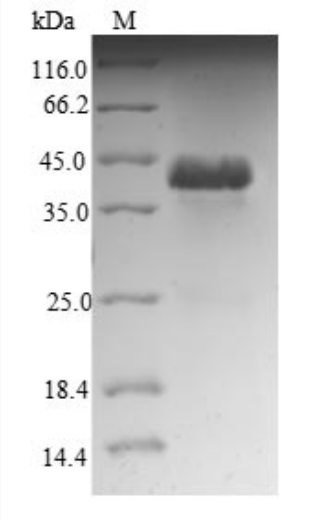
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	NDUFA12 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12 [Homo sapiens (human)]
Official Symbol	NDUFA12
Synonyms	NDUFA12; B17.2; DAP13; CI-B17.2; EC 1.6.5.3; EC 1.6.99.3;
Gene ID	55967
mRNA Refseq	NM_001258338
Protein Refseq	NP_001245267
MIM	614530
UniProt ID	Q9UI09

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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