

Recombinant Human NDUFB5 Protein (94-189 aa), His-SUMO-tagged

Cat. No. NDUFB5-681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFB5 Protein (94-189 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	94-189 aa
Description	Accessory subunit of the mitochondrial mbrane 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	27.5 kDa
AA Sequence	GQAELAEIPEGYVPEHWEYYKHPISRWIARNFYDSPEKIYERTMAVLQIEAEKAELRV KELEVRKLMHVRGDGPWYYYETIDKELIDHSPKATPDN
Purity	> 90% as determined by SDS-PAGE.

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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 with concentration instruction is sent along with the products.

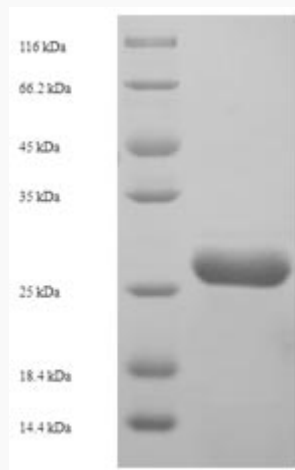
GENE INFORMATION

Gene Name	NDUFB5 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16kDa [Homo sapiens]
Official Symbol	NDUFB5
Synonyms	NDUFB5; CI SGD; MGC12314; SGD; CISGD; FLJ30597; MGC111204; DKFZp686N02262;
Gene ID	4711
mRNA Refseq	NM_001199957
Protein Refseq	NP_001186886
MIM	603841
UniProt ID	O43674

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

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