

Recombinant Human NRD1 Protein, His-tagged

Cat. No. NRD1-2509H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRD1 Protein (Ala823-Lys1150) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala823-Lys1150
Description	This gene encodes a zinc-dependent endopeptidase that cleaves peptide substrates at the N-terminus of arginine residues in dibasic moieties and is a member of the peptidase M16 family. This protein interacts with heparin-binding EGF-like growth factor and plays a role in cell migration and proliferation. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.1 kDa Accurate Molecular Mass: 41 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	NRD1 nardilysin (N-arginine dibasic convertase) [Homo sapiens (human)]
Official Symbol	NRD1
Synonyms	NRD1; nardilysin (N-arginine dibasic convertase); nardilysin; hNRD1; hNRD2; NRD-C; NRD convertase;
Gene ID	4898
mRNA Refseq	NM_001101662
Protein Refseq	NP_001095132
MIM	602651
UniProt ID	O43847

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