

Recombinant Human NRD1 Protein, His-tagged

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

SPECIFICATION

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| 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

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| 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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