

Recombinant Human NRD1 protein, GST-tagged

Cat. No. NRD1-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRD1(1058 a.a. - 1156 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1058-1156 a.a.
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	VVDKKIEEFLSSFEEKIENLTEEAFNTQVTALIKLKECEDTHLGEEVDRNWNEVVTQQ YLFDRLAHEIEALKSFS KSDLVNWFKAHRGPGSKMLSVHV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NRD1 nardilysin (N-arginine dibasic convertase) [Homo sapiens]
Official Symbol	NRD1
Synonyms	NRD1; nardilysin (N-arginine dibasic convertase); nardilysin; hNRD1; hNRD2; NRD-C; NRD convertase;
Gene ID	4898
mRNA Refseq	NM_002525
Protein Refseq	NP_002516
MIM	602651
UniProt ID	O43847
Chromosome Location	1p32.2-p32.1
Function	epidermal growth factor binding; metal ion binding; metalloendopeptidase activity; peptidase activity; protein binding; zinc ion binding;

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