

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 KSDLVNWFKAHRGPGSKMLSVHVV
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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