

# Recombinant Full Length Human RNPEP Protein, GST-tagged

**Cat. No.** RNPEP-705HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human RNPEP(1 a.a. - 650 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 650 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | RNPEP played an important role in many functions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 99 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>MASGEHSPGS GAARRPLHSA QAVDVASASN FRAFELLHLH LDLRAEFGPP<br/> GPGAGSRGLS GTAVDLRCL EPEGAAELRL DSHPCLEVTA AALRRERPGS<br/> EEPPAEPVSF YTQPFSHYGQ ALCVSFPQPC RAAERLQVLL TYRVGEGPGV<br/> CWLAPQTAG KKKPFVYTQG QAVLNRAFFP CFDTPAVKYK YSALIEVPDG<br/> FTAVMSASTW EKRGPKNKFFF QMCQPIPSYL IALAIGDLVS AEVGPRSRVW<br/> AEPCLIDAAK EEYNGVIEEF LATGEKLFGP YVWGRYDLLF MPPSFPGGM<br/> ENPCLTFVTP CLLAGDRSLA DVIHEISHS WFGNLVTNAN WGEFWLNEGF<br/> TMYAQRRIST ILFGAAYTCL EAATGRALLR QHMDITGEEN PLNKL RVKIE<br/> PGVDPDDTYN ETPYEKGFCF VSYLAHLVGD QDQFDSFLKA YVHEFKFRSI<br/> LADDFLDFYL EYFPELKKKR VDIIPGFEFD RWNTPGWPP YLPDLSPGDS</p> |

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LMKPAEELAQ LWAAEELDMK AIEAVAISPW KTYQLVYFLD KILQKSPLPP  
GNVKKLGDTY PSISNARNAE LRLRWGQIVL KNDHQEDFWK VKEFLHNQ GK  
QKYTLPLYHA MMGGSEVAQT LAKETFASTA SQLHSNVVNY VQQIVAPKGS

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

RNPEP arginyl aminopeptidase (aminopeptidase B) [ Homo sapiens ]

**Official Symbol**

RNPEP

**Synonyms**

RNPEP; arginyl aminopeptidase (aminopeptidase B); aminopeptidase B; AP-B;  
arginine aminopeptidase; DKFZp547H084

**Gene ID**

6051

**mRNA Refseq**

NM\_020216

**Protein Refseq**

NP\_064601

**MIM**

602675

**UniProt ID**

Q9H4A4

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