

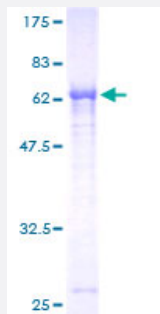
Full-Length

PNMA2 (Human) Recombinant Protein (P01)

Catalog # H00010687-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PNMA2 full-length ORF (AAH62301, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALALLEDWCRIMSVDEQKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLLGKIFRKQENANAVL
LELLEDTDVSAIPSEVQKGKGGVWKVIFKTPNQDTEFLERLNLFLKEGQTVSGMFRALGQEGVSP
ATVPCISPELLAHLGQAMAHAPQPLPMRYRKLRFVSGSAVPAPEEESFEVWLEQATEVKEW
PVTEAEKKRWLAESLRGPALDLMHIVQADNPSSISVEECLEAFKQVFGSLESRRTAQVRYLKTYQE
EGEKVSAYVLRLETLLRRAVEKRAIPRIADQVRLEQVMAGATLNQMLWCRLRELKDQGPPPSFL
ELMKVIREEEEEEEASFENESIEEPEERDGYGRWNHEGDD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.78

Interspecies Antigen Sequence

Mouse (78); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — PNMA2

Entrez GeneID[10687](#)**GeneBank Accession#**[BC062301](#)**Protein Accession#**[AAH62301](#)**Gene Name**

PNMA2

Gene Alias

KIAA0883, MA2, MM2, RGAG2

Gene Description

paraneoplastic antigen MA2

Omim ID[603970](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

onconeural antigen MA2|paraneoplastic neuronal antigen|retrotransposon gag domain containing 2

Publication Reference

- [Paraneoplastic Antigen Ma2 Autoantibodies as Specific Blood Biomarkers for Detection of Early Recurrence of Small Intestine Neuroendocrine Tumors.](#)

Cui T, Hurtig M, Elgue G, Li SC, Veronesi G, Essaghir A, Demoulin JB, Pelosi G, Alimohammadi M, Oberg K, Giandomenico V.
PLoS One 2010 Dec; 5(12):e16010.

Application: ELISA, WB, Human, Plasma, Serum