

Active Recombinant Bovine SPAM1, His-tagged

Cat. No. SPAM1-358B Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|--|
| Product Overview | Recombinant Bovine SPAM1 (Accession # AAI10184) Met1-Thr497, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived. |
| Species | Bovine |
| Source | CHO |
| ProteinLength | 1-497 a.a. |
| Predicted N Terminal | Leu36 |
| Form | Supplied as a 0.2 µ filtered solution in Tris and NaCl. |
| Bio-activity | Measured by its ability to hydrolyze S-35 labeled bovine cartilage chondroitin sulfate. <20 ng of recombinant human SPAM1 is required for the 50% hydrolysis of 10 µg chondroitin sulfate, as measured under the described conditions. |
| Molecular Mass | Recombinant Bovine SPAM1, His-tagged has a calculated MW of 53 kDa. In SDS-PAGE migrates as 60-70 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 |

 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

months (-70°C).

GENE INFORMATION

| | |
|----------------------------|--|
| Gene Name | SPAM1 sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding) [Bos taurus (cattle)] |
| Official Symbol | SPAM1 |
| Synonyms | SPAM1; sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding); PH-20; sperm adhesion molecule 1; hyaluronidase, zona pellucida binding; NP_001008413.3; EC 3.2.1.35 |
| Gene ID | 353352 |
| mRNA Refseq | NM_001008413 |
| Protein Refseq | NP_001008413 |
| MIM | |
| Chromosome Location | 4 |

 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