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Recombinant Bovine Cation-Independent Mannose-6-Phosphate Receptor (IGF2R), N-His

Cat. No.: AP9C189

Product Type: Animal Proteins

Size: 20 μg; 100 μg; 1 mg

Product Overview

BioVenic's Recombinant Bovine Cation-Independent Mannose-6-Phosphate Receptor (IGF2R), N-His is a recombinant protein expr essed from *E.coli*. Its predicted molecular weight is 22.4 kDa. The purity is>90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	*E.coli*
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	22.4 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Bovine cation-independent mannose-6-phosphate receptor (IGF2R) is crucial for lysosomal targeting of enzymes and regulation of IGF2 levels. It mediates the sorting and trafficking of mannose-6-phosphate-tagged proteins to lysosomes, ensuring proper enzym e function and cellular homeostasis in cattle.

Protein	Bovine Cation-Independent Mannose-6-Phosphate Receptor (IGF2R)
Gene ID	281849
UniProt ID	P08169

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protei n solution can be stored at 4°C for 1 week, at < -80°C for 12 months. Avoid repeated freezing and thawing.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water to a concentrat ion of 0.1-1.0 mg/mL.Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.