Recombinant Mouse Pros1 Protein, Myc/DDK-tagged

Cat. No. Pros1-5143M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein S (alpha) (Pros1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a vitamin K-dependent protein with key roles in multiple biological processes including coagulation, apoptosis and vasculogenesis. The encoded protein undergoes proteolytic processing to generate a mature protein which is secreted into the plasma. Mice lacking the encoded protein die in utero from a fulminant coagulopathy and associated hemorrhages.
Molecular Mass	74.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pros1 protein S (alpha) [Mus musculus (house mouse)]
Official Symbol	Pros1
Synonyms	PROS1; protein S (alpha); vitamin K-dependent protein S; AW214361
Gene ID	19128
mRNA Refseq	NM_011173
Protein Refseq	NP_035303
UniProt ID	Q08761

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