

Recombinant Mouse Atp7b Protein, MYC/DDK-tagged

Cat. No. Atp7b-676M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, Cu ⁺⁺ transporting, beta polypeptide (Atp7b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in placenta adult (RPKM 9.8), lung adult (RPKM 9.6) and 16 other tissues.
Molecular Mass	157.6 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.

GENE INFORMATION

 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

Gene Name	Atp7b ATPase, Cu++ transporting, beta polypeptide [Mus musculus (house mouse)]
Official Symbol	Atp7b
Synonyms	Atp7b; ATPase, Cu++ transporting, beta polypeptide; tx; WND; Atp7a; copper-transporting ATPase 2; Wilson protein; copper pump 2; toxic milk;wilson disease-associated protein homolog; EC 7.2.2.8
Gene ID	11979
mRNA Refseq	NM_007511
Protein Refseq	NP_031537
UniProt ID	Q64446

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