

## Recombinant Mouse Xylb Protein, MYC/DDK-tagged

Cat. No. Xylb-210M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse xylulokinase homolog (H. influenzae) (Xylb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Phosphorylates D-xylulose to produce D-xylulose 5-phosphate, a molecule that may play an important role in the regulation of glucose metabolism and lipogenesis.
<b>Molecular Mass</b>	59.5 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Xylb xylulokinase homolog (H. influenzae) [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Xylb
<b>Synonyms</b>	Xylb; xylulokinase homolog (H. influenzae); AI132223; AI327421; xylulose kinase; EC 2.7.1.17
<b>Gene ID</b>	102448
<b>mRNA Refseq</b>	NM_001033209
<b>Protein Refseq</b>	NP_001028381
<b>UniProt ID</b>	Q3TNA1

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