

Active Recombinant Human XYLB Protein, Met & His-tagged

Cat. No. XYLB-1029H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human XYLB (Accession # O75191) Ala2-Glu536, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Glu536
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and DTT.
Bio-activity	Measured by its ability to phosphorylate D-Xylulose. The specific activity is >6,000 pmol/min/g, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com.
Molecular Mass	Recombinant Human XYLB, Met & His-tagged has a calculated MW of 59 kDa. In SDS-PAGE migrates as 56 kDa, reducing conditions.
Purity	>85%, 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

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months (-70°C).

GENE INFORMATION

Gene Name XYLB xylulokinase homolog (H. influenzae) [Homo sapiens (human)]

Official Symbol XYLB

Synonyms xylulose kinase; xylulose kinase

Gene ID 9942

mRNA Refseq NM_005108.3

Protein Refseq NP_005099.2

MIM 604049

UniProt ID O75191

Chromosome Location 3p22-p21.3

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