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 μm 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/μg, as measured under the described conditions. SSee 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 (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

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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