

## Product datasheet for **TP524257**

### **Xylb (NM\_001033209) Mouse Recombinant Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse xylulokinase homolog (H. influenzae) (Xylb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR224257 representing NM_001033209<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |

MDARTHRRRAAGTPRALAERAGRRCCLGWDFSTQQVKVAVDAELNVFYEDSVHFDRDLPEFGTQGGVHVH  
KDRLTVTSPVLMWVQALDLILGKMKSSGFDFSQVLALSGAGQQHGSVYWKTGASLALSSLSPALPLHQQL  
QSCFSISDCPIWMDSSTTAQCHQLEAAVGGGAQALSCLTGS RAYERFTGNQIAKLFQKNPEAYSHSERISL  
VSSFAASLFLGGYSPIDYSDGSGMNLLQIQEKVWSQACLDVCAPHLEEKLGSPVPSCSVGTISSYYVQR  
YGFPPGCKVWAFSGDNPASLAGMRLEEGDIAVSLGTSDFLFLWLQKMPALEGHIFCNPVDPQHVMALLC  
FKNGSLMREKIRDESASCSWNKFSKALKSTAMGNNGNLGFYFDVMEITPEIIGRHRFNAENMEVSAFP GD  
VEIRALIEGQFMAKRIHAEGLGYRVMPKTKILATGGASHNKDILQVLADVFGAPVYVIDTTSSACVGSAY  
RAFHGLAGGTGVAFSEVVKSA PQPSLAATPNPGASQVYAALLPRYSALEQRILSTAQRPLE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 59.5 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C after receiving vials.  |
| Stability:     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:        | <u><a href="#">NP_001028381</a></u>  |



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|               |   |
|---------------|---|
| Locus ID:     | 102448  |
| UniProt ID:   | <a href="#">Q3TNA1</a> , <a href="#">Q3TMS3</a>   |
| RefSeq Size:  | 3860  |
| Cytogenetics: | 9 F3  |
| RefSeq ORF:   | 1653  |
| Synonyms:     | AI132223; AI327421  |
| Summary:      | 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.[UniProtKB/Swiss-Prot Function] |