

Product datasheet for **TP521034**

Xdh (NM_011723) Mouse Recombinant Protein

Product data:

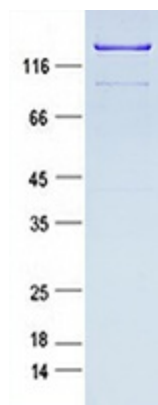
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse xanthine dehydrogenase (Xdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from Mouse cDNA ORF Clone, MR221034, encoding Mouse full-length Xdh.
Tag:	C-MYC/DDK
Predicted MW:	147 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:	NP_035853
Locus ID:	22436
UniProt ID:	Q00519 , Q9CVF2
RefSeq Size:	4587
Cytogenetics:	17 45.25 cM
RefSeq ORF:	4005
Synonyms:	X; XO; Xor; Xox; Xox-; Xox-1; Xox1



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Summary:

This gene encodes a member of the xanthine dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein exists as two distinct enzymatic forms, either as xanthine dehydrogenase, or as xanthine oxidase, and functions in purine degradation. Additional studies also suggest a role in adipogenesis, and a function as a structural protein in milk fat droplets in the lactating mammary gland. [provided by RefSeq, Jan 2014]

Product images:

Purified recombinant protein Xdh was analyzed by SDS-PAGE gel and Coomossie Blue Staining.