

## Product datasheet for TP304205L

### L3HYPDH (NM\_144581) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 14 open reading frame 149 (C14orf149), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204205 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MESALAVPWLPPHDPGTPVLSVDMHTGGPELRIVLAGCPEVSGPTLLAKRRYMRQHLDHVRRLMFEP GHRDMYGAVLVPSELPDAHLGVLFLHNEGYSMCGHAVLALGRFALDFGLVPAPPAGTREARVNIHCPCG LVTAFCEDGRSHGPVRFHSVPAFVLATDLMVDVPGHGKVMVDIAYGGAFYAFVTAEKLGLDICSAKTR DLVDAASAVTEAVKAQFKINHPDSEDLAFLYGTILTDGKDAYTKEPTTNICVFADEQVDRSPTGSGVTAR IALQYHKGLLELNQMRAFKSSATGSVFTGKAVREAKCGDFKAVIVEVSGQAHYTGASFIIEDDDPLRDG FLK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	38 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_653182</a>
Locus ID:	112849



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UniProt ID: [Q96EM0](#)

RefSeq Size: 1381

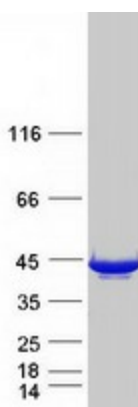
Cytogenetics: 14q23.1

RefSeq ORF: 1062

Synonyms: C14orf149

**Summary:** The protein encoded by this gene is a dehydratase that converts trans-3-hydroxy-L-proline to delta(1)-pyrroline-2-carboxylate. This enzyme may function to degrade dietary proteins that contain trans-3-hydroxy-L-proline as well as other proteins such as collagen IV. The encoded protein can be converted to an epimerase by changing a threonine to a cysteine at a catalytic site. [provided by RefSeq, Sep 2016]

### Product images:



Coomassie blue staining of purified L3HYPDH protein (Cat# [TP304205]). The protein was produced from HEK293T cells transfected with L3HYPDH cDNA clone (Cat# [RC204205]) using MegaTran 2.0 (Cat# [TT210002]).