

Recombinant Full Length Human L3HYPDH Protein, C-Flag-tagged

Cat. No. L3HYPDH-1699HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human L3HYPDH Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38 kDa
AA Sequence	MESALAVPWLPHPDGPVLSVVDMMHTGGEPLRIVLAGCPEVSGPTLLAKRRYMRQ HLDHVRRRLMFEPR GHRDMYGAVLVPSELPDAHLGVLFLHNEGYSMCGHAVLAL GRFALDFGLVPAPPAGTREARVNIHCPCG LVTA FVACEDGRSHGPPVRFHSVPAFVL ATDLMVDVPGHGKVMVDIAYGGAFYAFVTA EKLGLDICS AKTR DLVDAASAVTEAV KAQFKINHPDSEDLAFLYGTILTDGKDAYTKEPTTNICVFADEQVDRSPTGSGVTAR I ALQYHKGLLELNQMRAFKSSATGSVFTGKAVREAKCGDFKAVIVEVSGQAHYTGTA SFIIEDDDPLRDG

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	FLLKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	L3HYPDH trans-L-3-hydroxyproline dehydratase [Homo sapiens (human)]
Official Symbol	L3HYPDH
Synonyms	C14orf149
Gene ID	112849
mRNA Refseq	NM_144581.2
Protein Refseq	NP_653182.1
MIM	614811

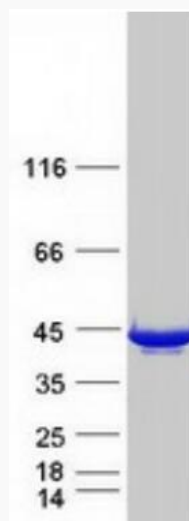
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UniProt ID

Q96EM0



Coomassie blue staining of purified L3HYPDH protein.

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