Recombinant Human CRYL1 Protein, MYC/DDK-tagged

Cat. No. CRYL1-3341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRYL1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The uronate cycle functions as an alternative glucose metabolic pathway, accounting for about 5% of daily glucose catabolism. The product of this gene catalyzes the dehydrogenation of L-gulonate into dehydro-L-gulonate in the uronate cycle. The enzyme requires NAD(H) as a coenzyme, and is inhibited by inorganic phosphate. A similar gene in the rabbit is thought to serve a structural role in the lens of the eye.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CRYL1 crystallin, lambda 1 [Homo sapiens]

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Official Symbol	CRYL1
Synonyms	GDH; HEL30; lambda-CRY
Gene ID	51084
mRNA Refseq	NM_015974.2
Protein Refseq	NP_057058.2
MIM	609877
UniProt ID	Q9Y2S2

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