9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DYNLL1 Human

Dynein Light Chain LC8 Type-1 Human Recombinant
RCP0689

Product Overview

Name	DYNLL1 Human
Description	
Dynein Light Chain LC8 Type-1 Human Recombinant	
Accession (Primary)	P63167
Synonyms	
PIN, DLC1, DLC8, DNCL1, DNCLC1, Dynein Light Chain LC8-type 1, Dynein Cytoplasmic Light polypeptide 1, Protein Inhibitor of Neuronal Nitric Oxide Synthase	
Introduction	
DYNLL1 is a protein that cooperates with NOS1 causing NOS1 inhibition. Binding of DYNLL1 weakens NOS1 (Neuronal nitric oxide synthase) dimer, a conformation needed for activity, and it regulates several biologic processes through its effects on nitric oxide synthase activity. DYNLL1 is a ubiquitously expressed protein that demonstrates high expression in testis and moderate expression in brain.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The DYNLL1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.2M NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MCDRKAVIKN ADMSEEMQQD SVECATQALE KYNIEKDIAA HIKKEFDKKY NPTWHCIVGR NFGSYVTHET KHFIYFYLGQ VAILLFKSG	
Precautions	

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DYNLL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P63167)