9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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GLOD4 Human

Glyoxalase Domain Containing 4 Human Recombinant
RCP0926

Product Overview

Name	GLOD4 Human
Description	
Glyoxalase Domain Containing 4 Human Recombinant	
Accession (Primary)	Q9HC38
Synonyms	
Glyoxalase domain containing protein 4, HC71, C17orf25, CGI-150, Chromosome 17 open reading frame 25.	
Introduction	
GLOD4 is a part of the glyoxalase system which is a group of enzymes that is in charge of the detoxification of methylglyoxal and other reactive aldehydes that are usually produced in metabolism. The mitochondrial protein GLOD4 is known to interact with NUDT9.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The GLOD4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAARRALHFV FKVGNRFQTA RFYRDVLGMK VLRHEEFEEG CKAACNGPYD GKWSKTMVGF GPEDDHFVAE LTYNYGVGDY KLGNDFMGIT LASSQAVSNA RKLEWPLTEV AEGVFETEAP GGYKFYLQNR SLPQSDPVLK VTLAVSDLQK SLNYWCNLLG MKIYEKDEEK QRALLGYADN QCKLELQGVK GGVDHAAAFG RIAFSCPQKE LPDLEDLMKR ENQKILTPLV SLDTPGKATV QVVILADPDG HEICFVGDEA FRELSKMDPE GSKLLDDAMA ADKSDEWFAK HNKPKASG	
Precautions	

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GLOD4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HC38)