9051 Mira Mesa Blvd, #910094
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URM1 Human

Ubiquitin Related Modifier 1 Human Recombinant
RCP2522

Product Overview

Name	URM1 Human
Description	
Ubiquitin Related Modifier 1 Human Recombinant	
Accession (Primary)	Q9BTM9
Synonyms	
Ubiquitin-related modifier 1 homolog, URM1, C9orf74, MGC2668, RP11-339B21.4.	
Introduction	
URM1 is ubiquitin-related modifier 1 homolog protein which mainly functions in the post-translational modification of proteins via the urmylation pathway. Urm1 covalently binds to its E1 activating enzyme, Uba4p, to conjugate alkyl hydroperoxide reductase (Ahp1) as determined by studies with Saccharomyces cerevisiae. It has been theorized that this complex may then have a role in the oxidative-stress response in mammals.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The URM1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAAPLSVEVE FGGGAELLFD GIKKHRVTLP GQEEPWDIRN LLIWIKKNLL KERPELFIQG DSVRPGILVL INDADWELLG ELDYQLQDQD SVLFISTLHG G.	
Precautions	
URM1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9BTM9)