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

PIR Human

Pirin Human Recombinant
RCP1658

Product Overview

Name	PIR Human
Description	
Pirin Human Recombinant	
Accession (Primary)	O00625
Synonyms	
Pirin, Probable quercetin 2,3-dioxygenase PIR, Probable quercetinase, PIR.	
Introduction	
Pirin (PIR) which belongs to the cupin superfamily, is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Pirin may function as a transcriptional cofactor and is involved in the regulation of DNA transcription and replication, as a result of interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
PIR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl 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 MGSSKKVTLS VLSREQSEGV GARVRRSIGR PELKNLDPFL LFDEFKGGRP GGFPDHPHRG FETVSYLLEG GSMAHEDFCG HTGKMNPGDL QWMTAGRGIL HAEMPCSEEP AHGLQLWVNL RSSEKMVEPQ YQELKSEEIP KPSKDGVTVA VISGEALGIK SKVYTRTPTL YLDFKLDPGA KHSQPIPKGW TSFIYTISGD VYIGPDDAQQ KIEPHHTAVL GEGDSVQVEN KDPKRSHFVL IAGEPLREPV IQHGPFVMNT NEEISQAILD FRNAKNGFER AKTWKSKIGN.	

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Precautions

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

Target Information: (O00625)