

# Human PIR Recombinant Protein



RPPB4252

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## Product Information    Protein Information

**Product SKU:**

RPPB4252

**Accession:**

O00625

**Host:**

Escherichia Coli.

**Protein description:**

PIR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (1-290 a.a.) and having a molecular mass of 34.3kDa. PIR is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Pirin, Probable quercetin 2,3-dioxygenase PIR, Probable quercetinase, PIR.

**Formulation:**

PIR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSSKKVTLV VLSREQSEGV GARVRSIGR PELKNLDPFL LFDEFKGGRP  
GGFPDHPHRG FETVSYLLEG GSM AHEDFCG HTGKMNPGDL QWMTAGRGIL HAEMPCSEEP AHGLQLWVNL  
RSSEKMVEPQ YQELKSEEIP KPSKDGVTVA VISGEALGIK SKVYTRPTL YLDFKLDPGA KHSQPIPKGW  
TSFIYTISGD VYIGPDDAQQ KIEPHHTAVL GEGDSVQVEN KDPKRSHFVL IAGEPLREPV IQHGPFVMNT  
NEISQAILD FRNAKNGFER AKTWKSKIGN.