

Product datasheet for **AR00068PU-N**

Hemoglobin Human Protein

Product data:

Product Type:	Native Proteins
Description:	Hemoglobin human protein, 2 g
Species:	Human
Protein Source:	Erythrocytes
Purity:	>96% pure (SDS-PAGE), Multi-step procedure including ion exchange chromatography
Buffer:	Presentation State: Purified State: Lyophilized purified protein from Sodium chloride Preservative: None
Preparation:	Lyophilized purified protein from Sodium chloride
Applications:	Specific methodologies have not been tested using this product.
Protein Description:	Human Hemoglobin
Note:	Caution: Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	Haemoglobin



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Summary:

45S ribosomal DNA (rDNA) arrays, or clusters, are present on human chromosomes 13, 14, 15, 21 and 22, designated RNR1 through RNR5, respectively. Each cluster consists of multiple 45S rDNA repeat units that vary in number among individuals and chromosomes, with total diploid copy number estimates ranging from 60 to >800 repeat units in a human genome. The 45S rDNA repeat unit encodes a 45S rRNA precursor, transcribed by RNA polymerase I, which is processed to form the 18S, 5.8S and 28S rRNAs. This gene represents a copy of the 5.8S ribosomal RNA on chromosome 21. [provided by RefSeq, Mar 2017]

Protein Families:

Specific methodologies have not been tested using this product.