

## Hemoglobin Native Protein

Human Hemoglobin protein

|                              |                                                 |                                            |
|------------------------------|-------------------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA81581</b> | HOST<br><b>Purified from Human erythrocytes</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|-------------------------------------------------|--------------------------------------------|

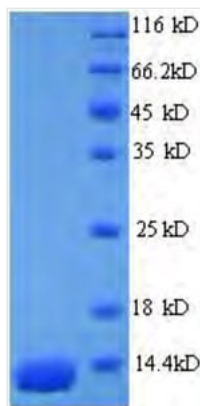
### PRODUCT SYNONYMS

Hemoglobin; Human Hemoglobin protein; haemoglobin; Hb; Hemoglobin native protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                         |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                                  | Purified from Human erythrocytes                                                        |
| Purity/Purification                                   | Greater or equal to 85% purity as determined by SDS-PAGE.                               |
| Form/Format                                           | Liquid                                                                                  |
| Applicable Applications for Hemoglobin native protein | WB (Western Blot), ELISA                                                                |
| Peptide                                               | Full length native Hemoglobin protein                                                   |
| Storage Buffer                                        | PBS, pH 7.4                                                                             |
| Preparation and Storage                               | Aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze / thaw cycles. |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Hemoglobin native protein | Hemoglobin is involved in oxygen transport from the lung to the various peripheral tissues. The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult Hemoglobin. The normal adult Hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta zero thalassemia. Reduced amounts of detectable beta globin causes beta plus thalassemia. |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 32471656 |
|-----------|----------|

|                           |             |
|---------------------------|-------------|
| NCBI Accession #          | NP_864649.1 |
| NCBI GenBank Nucleotide # | NC_005027.1 |
| NCBI Official Full Name   | hemoglobin  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-native-protein/hemoglobin/81581>