

## Alpha Hemoglobin Stabilizing Protein Human Recombinant

<b>Item Number</b>	rAP-3443
<b>Synonyms</b>	Alpha-hemoglobin-stabilizing protein, Erythroid-associated factor, Erythroid differentiation-related factor, AHSP, EDRF, ERAF.
<b>Description</b>	AHSP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 102 amino acids (1-102 a.a.) and having a molecular mass of 11.8kDa. The AHSP is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9NZD4
<b>Amino Acid Sequence</b>	MALLKANKDL ISAGLKEFSV LLNQQVFNDP LVSEEDMVTV VEDWMNFYIN YYRQQVTGEP QERD-KALQEL RQELNTLANP FLAKYRDFFLK SHEPSHPPP SS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The AHSP protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**