

HBA2, 1-142aa, Human, His tag, E.coli

Cat.NO.: TP02407

3th Edition

Synonyms:Hemoglobin subunit alpha, nucleophosmin/nucleoplasmin 2.

Description:Hemoglobin subunit alpha, also known as HBA2, belongs to the globin family. HBA2 is involved in oxygen transport from the lung to the various peripheral tissues. The alpha-2(HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5' untranslated regions and the introns, but they differ significantly over the 3' untranslated regions.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 2M urea, 2mM DTT

Molecular Weight:19.5 kDa (179aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHEMVLSPADKTNVKAAWGKVGAGHAGEYGAELERMF
LSFPTTKTYFPHFDLSHGSAQVKGHGKKVADALTNAVAHVDDMPNALSALSADLHAHKLRVDPVNFKLLSHCLLVTL
AAHLPAEFTPAVHASLDKFLASVSTVLTSKYR

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.