

POU2AF1, 1-256aa, Human, His tag, E.coli

Cat.NO.: TP03476

3th Edition

Synonyms:POU domain class 2-associating factor 1, BOB1, OBF-1, OBF1, OCAB

Description:POU2AF1, also known as BOB1, is a lymphocyte specific transcription coactivator protein. This protein interacts only with the Oct1/2 proteins through sub domains in the POU domain of the Oct1/2 proteins, enhancing their transcriptional efficacy. Although having no intrinsic capacity for DNA binding, POU2AF1 associates tightly with the octomer motif in the presence of Oct1 and Oct2. POU2AF1 is expressed at highest levels in spleen and peripheral blood leukocytes.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol

Molecular Weight:29.6 kDa (276aa), confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMLWQKPTAPEQAPAPARPYQGVRVKEPVKELLRRKRGHASSGAAPAPTAVVLP
HQPLATYTTVGPSCLDMEGSVSAVTEEAALCAGWLSQPTPATLQPLAPWTPYTEYVPHEAVSCPYSADMYVQPVC
PSYTVVGPSSVLTYASPPLITNVTRSSATPAVGPPLEGPEHQAPLTYFPWPQPLSTLPTSTLQYQPPAPALPGPQF
VQLPISIEPVLQDMEDPRRAASSLTIDKLLLEEDSDAYALNHTLSVEGF

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.