

AR39062PU-L

Human POU2AF1 / BOB1 (1-256, His-tag) - Purified

Alternate names:

B-cell-specific coactivator OBF-1, OBF-1, OBF1, OCA-B, OCAB, OCT-binding factor 1, POU domain class 2-associating factor 1

Quantity:

0.25 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q16633](#)

NCBI:

[NP_006226](#)

GeneID:

[5450](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Description:

Recombinant human POU2AF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MLWQKPTAPE QAPAPARPYQ GVRVKEPVKE LLRRKRGHAS
SGAAPAPTAV VLPHQPLATY TTVGPSCLD EGSVSAVTEE AALCAGWLSQ PTPATLQPLA
PWTPYTEYVP HEAVSCPYS DMVQPVCP YTVVGPSSVL TYASPLITN VTTRSSATPA
VGPPLEGPEH QAPLTYFPWP QPLSTLPTST LQYQPPAPAL PGPQFVQLPI SIPEPVLQDM
EDPRRAASSL TIDKLLLEEE DSDAYALNHT LSVEGF

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

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Recombinant human POU2AF1, 1-256aa,
His-tagged

