

## 32-4486: Recombinant Human POU class 2 associating factor 1

**Alternative Name :** POU domain class 2 associating factor 1, BOB-1, OCA-B, B-cell-specific coactivator OBF-1, OCT-binding factor 1.

### Description

Source : Escherichia Coli. POU2AF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 276 amino acids (1-256) and having a molecular mass of 29.6 kDa. The POU2AF1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. POU2AF1 is a lymphocyte specific transcription coactivator protein. POU2AF1 cooperates only with the Oct1/2 proteins using sub domains in the POU domain of the Oct1/2 proteins, increasing their transcriptional efficiency. Even though POU2AF1 have no basic ability to bind DNA, it links firmly with the octomer motif in the presence of Oct1 and Oct2. POU2AF1 is expressed at maximum levels in spleen and peripheral blood leukocytes.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** POU2AF1 protein (0.5mg/ml) is supplied in 20mM Tris-HCL, pH-8 and 20% Glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MLWQKPTAPE QAPAPARPYQ GVRVKEPVKE LLRRKRGHAS  
 SGAAPAPTAV VLPHQPLATY TTVGPSCLDM EGSVSAVTEE AALCAGWLSQ PTPATLQPLA PWTPYTEYVP  
 HEAVSCPYS A DMYVQPVCP S YTVVGPSSVL TYASPLITN VTTRSSATPA VGPPLEGPEH QAPLTYFPWP  
 QPLSTLPTST LQYQPPAPAL PGPQFVQLPI SIPEPVLQDM EDPRAAASSL TIDKLLLEEE DSDAYALNHT  
 LSVEGF

