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POU2AF1 Human

Description: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.

Catalog #:PRPS-887

For research use only.

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

Source: Escherichia Coli.

Physical Appearance:POU2AF1 is supplied as a sterile filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MLWQKPTAPE QAPAPARPYQ GVRVKEPVKE LLRRKRGHAS SGAAPAPTAV VLPHQPLATY TTVGPSCLDM EGSVSAVTEE AALCAGWLSQ PTPATLQPLA PWTPYTEYVP HEAVSCPYSA DMYVQPVCPS YTVVGPSSVL TYASPPLITN VTTRSSATPA VGPPLEGPEH QAPLTYFPWP QPLSTLPTST LQYQPPAPAL PGPQFVQLPI SI

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
POU2AF1 protein (0.5mg/ml) is supplied in 20mM Tris-HCL, pH-8 and 20% Glycerol.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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 thoµgh 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.

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