
Product Data Sheet

Product Name: POU2AF1 Human
 Cat. No.: GP24215
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	POU domain class 2 associating factor 1; BOB-1; OCA-B; B-cell-specific coactivator OBF-1; OCT-binding factor 1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLWQKPTAPE QAPAPARPYQ GVRVKEPVKE LLRRKRGHAS SGAAPAPTAV VLPHQPLATY TTVGPSCLDM EGSVSAVTEE AALCAGWLSQ PTPATLQPLA PWTPYTEYVP HEAVSCPYSY DMYVQPVCP YTVVGPSSVL TYASPPLITN VTTRSSATPA VGPPLEGPEH QAPLTYFPWP QPLSTLPTST LQYQPPAPAL PGPQFVQLPI SIPEPVLQDM EDPRAASSL TIDKLLLEEE DSDAYALNHT LSVEGF		
Formulation	POU2AF1 protein (0.5mg/ml) is supplied in 20mM Tris-HCL, pH-8 and 20% Glycerol.		

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 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.

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.

Background

POU2AF1 Human Recombinant produced in E.coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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