

Oligonucleotide Binding Fold Containing 1 Human Recombinant

Item Number	rAP-3741
Synonyms	AAF-44, RPA-32, STN1, CST complex subunit STN1, Suppressor of cdc thirteen homolog, Oligonucleotide/oligosaccharide-binding fold-containing protein 1, OBFC1.
Description	OBFC1 Human Recombinant produced in E. coli is a single polypeptide chain containing 391 amino acids (1-368) and having a molecular mass of 44.5kDa. OBFC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H668
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMQPGSSR CEEETPSLLW GLDPVFLAFA KLYIRDILDM KESRQVPGVF LYNHGPIKQV DVLGTVIGVR ERDAFYSGV DDSTGVINCI CWKKLNTESV SAAPSAAREL SLTSQLKKLQ ETIEQTKIE IGDITRVRS IRTYREEREI HATAYYKDD PVWNIQIARM LELPTIYRKV YDQPFHSSAL EKEEALSNPG ALDPLSLTSL LSEKAKEFLM ENRVQSFYQQ ELEMVESLLS LANQPVIHSA CSDQVNFKKD TTSKAIHSIF KNAIQLLQEK GLVFQKDDGF DNLYYVTRED KDLHRKIHRH IQQCQKPNH MEKGCHFLHI LACARLSIRP GLSEAVLQV LELLEDQSDI VSTMEHYTTA F.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The OBFC1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**