

Nucleic Acid Binding Protein 1 Human Recombinant

Item Number	rAP-4045
Synonyms	Nucleic Acid Binding Protein 1, OBFC2A, Sensor Of Single-Strand DNA Complex Subunit B2, Single-Stranded DNA-Binding Protein 2, SSB2, Oligonucleotide/Oligosaccharide-Binding Fold Containing 2A, Nucleic
Description	NABP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-204 a.a) and having a molecular mass of 24.8kDa.NABP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q96AH0
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSNMRVNDP LIFIRDIKPG LKLNLVFVIV LEIGRVTKTK DGHEV-RSCKV ADKTGSITIS VWDEIGGLIQ PGDIIRLTRG YASMWKGCLT LYTGRGGELQ KIGEFMVS EVPNFSEPNP DYRGQQNKGA QSEQKNNSMN SNMGTGTFGP VGNGVHTGPE SREHQFSHAG RSNRGLINP QLQG-TASNQT VMTTISNGRD PRRAFKR.
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	NABP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 0.2M, NaCl, 50% glycerol and 2mM DTT. Greater than 95.0% 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**