

# ATF Human

*Apo Transferrin Human*  
NTP0008

## Product Overview

Name ATF Human

### Description

Apo Transferrin Human

Accession (Primary) [P02787](#)

### Synonyms

Activating transcription factor 1, cyclic AMP-dependent transcription factor ATF-1, Protein TREB36, EWS-ATF1, FUS/ATF-1.

### Introduction

ATF1, a cyclic-AMP dependent transcription factor, is expressed in a large selection of cell types and can dimerize with CREB. MSK1 and MSK2 protein kinases are essential for the stress-induced phosphorylation of transcription factors CREB and ATF1 in primary embryonic fibroblasts. Epidermal growth factor induction of c-jun expression needs ATF1 and MEF2 sites in the c-jun promoter.

### Source

E.coli.

### Physical Appearance

Sterile Filtered colorless solution.

### Formulation

The ATF1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 5mM DTT, 2mM EDTA and 50% 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.

### Purity

Greater than 85% as determined by SDS-PAGE.

### Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MEDSHK STTSETAPQP GSAVQGAHIS HIAQQVSSLS ESEESQDSSD  
SIGSSQKAHG ILARRPSYRK ILKDLSS EDT RGRKGDGENS GVSAAVTSMS VPTPIYQTSS GQYIAIAPNG  
ALQLASPGTD GVQGLQTLTM TNSGSTQQGT TILQYAQTSD GQQILVPSNQ VVVQTASGDM QTYQIRTTPS

ATSLPQTVVM TSPVTLTSQT TKTDDPQLKR EIRLMKNREA ARECRRKKKE YVKCLENRVA VLENQNKTLI  
EELKTLKDLY SNKSV

#### Precautions

ATF Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information:** ( [P02787](#) )