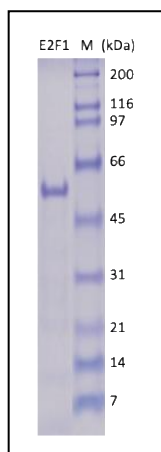


## Recombinant E2F-1 Protein

| Catalog Number | Size |
|----------------|------|
| AG1031-10      | 10ug |
| AG1031-25      | 25ug |
| AG1031-B       | Bulk |

### Description



The human E2F-1 (RBAP-1) protein was identified as a member of the E2F family of transcription factors mediating the transcription of adenovirus E2 gene. The E2F-1 protein binds preferentially to the retinoblastoma protein (RB) in a cell-dependent manner. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses.

MHHHHHHGRRASVEFALAGAPAGGPCAPALEALLGAGALRLLDSSQIVIIIS  
AAQDASAPPAPTGPAAAPAGPCDPDLLLFATPQAPRPTSPAPRALGRPPV  
KRRLDLETDHQYLAESSGPARGRGRHPGKGVKSPGEKSRYETSLNLTTRF  
LELLSHSADGVVDLNWAAEVLKVQKRRIYDITNVLEGIQLIAKKSKNHIQW  
LGSHTTVGVGGRLEGLTQDLRQLQESEQQLDHLNICTTQLRLLSEDTDSQ  
RLAYVTCQDLRSIADPAEQMVMVIKAPPETQLQAVDSSSENFQISLKSQGP  
IDVFLCPEETVGGISPGKTPSQEVTSEENRATDSATIVSPPPSSPSSLT  
TDPSQSLLSLEQEPLLSRMGSLRAPVDEDRLSPLVAADSLLEHVREDFSG  
LPEEFISLSPHEALDYHFGLEEGERDLDFDCDFGDLTPLDF-

### Accession Number

NM\_005225

### Molecular Mass

Approximately 50kDa.

### Purity

≥90%, as determined by SDS-PAGE.

### Biological Activity

The recombinant HMG1/HMGB1 protein was purified the Baculovirus expression system and is suitable for the studies of transcription assays, protein-protein interaction and other related function assays.

### Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

### Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

**FOR RESEARCH USE ONLY!!!**