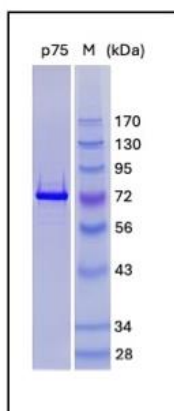


## Recombinant p75/LEDGF Protein

| Catalog Number | Size |
|----------------|------|
| AG1030-10      | 10ug |
| AG1030-25      | 25ug |
| AG1030-B       | Bulk |

### Description

The human lens epithelium-derived growth factor (LEDGF/p75/DFS70) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 543 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 75kDa.



MHHHHHHSRRASVNSP DFKPGDLIFAKMKGYPHWPARVDEVDPGAVKPPTN  
KLPIFFFFGTHETAFLGPKDIFPYSENKEKYGKPNKRKGFNEGLWEIDNNPK  
VKFSSQQAATKQSNASSDVEVEEKETSVSKEDTDHEEKASNEDVTKAVDIT  
TPKAARRGRKRKAQVETEEAGVTTATASVNLKVSPKRGRPAATEVKIP  
KPRGRPKMVKQPCPSESDIITEEDKSKKKGQEEKQPKKQPKKDEEGQKEED  
KPRKEPDKKEGKKEVESKRKNLAKTGVSTSDSEEEGDDQEGEKRRKGGRN  
FQTAHRRNMLKGQHEKEAADRKRKQEEQMETEQQNKDEGKKPEVKKVEKKR  
ETSMDSRLQRIHAEIKNSLKDNLVDNRCIEALDELASLQVTMQQAQKHTE  
MITTLKKIRRFKVSQVIMEKSTMLYNKFKNMFLVGEEDSVITQVLNKSIAE  
QRQHEEANKTKDQGGKGNKKLEKEQTGSKTLNGGSDAQDGNQPDHNGESN  
EDSKDNHEASTKKKPSSEEREITEISLKDSTLDN-

### Accession Number

NM\_033222

### Molecular Mass

Approximately 75Da.

### Purity

≥90%, as determined by SDS-PAGE.

### Biological Activity

The human lens epithelium-derived growth factor (LEDGF/p75) was identified as a transcription co-activator and plays roles in directing HIV DNA integration and oncogenesis. The recombinant p75 protein 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!!!**