AscentGene, Inc.
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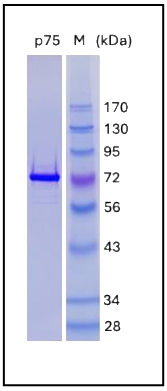
# Recombinant p75/LEDGF (E coli)

| Catalog Number | Size |
|---|---|
| AG213-10 | 10ug |
| AG213-25 | 25ug |
| AG213-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.




MHHHHHHSRRASVNSPDFKPGDLIFAKMKGYPHWPARVDEVPDGAVKPPTN
KLPIFFFGTHETAFLGPKDIFPYSENKEKYGKPNKRKGFNEGLWEIDNNPK
VKFSSQQAATKQSNASSDVEVEEKETSVSKEDTDHEEKASNEDVTKAVDIT
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KPRGRPKMVKQPCPSESDIITEEDKSKKKGQEEKQPKKQPKKDEEGQKEED
KPRKEPDKKEGKKEVESKRKNLAKTGVTSTSDSEEEGDDQEGEKKRKGGRN
FQTAHRRNMLKGQHEKEAADRKRKQEEQMETEQQNKDEGKKPEVKKVEKKR
ETSMDSRLQRIHAEIKNSLKIDNLDVNRCIEALDELASLQVTMQQAQKHTE
MITTLKKIRRFKVSQVIMEKSTMLYNKFKNMFLVGEGDSVITQVLNKSLAE
QRQHEEANKTKDQGKKGPNKKLEKEQTGSKTLNGGSDAQDGNQPQHNGESN
EDSKDNHEASTKKKPSSEERETEISLKDSTLDN-

**Source**

*E coli*

**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!!!**