

Recombinant Human ASTN1, His-tagged

Cat. No. ASTN1-9948H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASTN1(667-986 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	667-986 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

QMAPFPDDPTLYNILMFCGCIEDYKLGVDGRSCQLITETCPEGSDCGESRELPMNQ
 TLFGEMFFGYNNHSKEVAAGQVLKGTFRQNNFARGLDQQLPDGLVVATVPLENQC
 LEEISEPTDPDFLTGMVNFSEVSGYPVLQHWKVRSMYHIKLNQVAISQALSNALH
 SLDGATSRADFVALLDQFGNHYIQEAIYGFEESCSIWYPNKQVQRRLWLEYEDISKG
 NSPSDESEERERDPKVLTFPEYITSLSDSGTKRMAAGVRMECQSKGRCPSSCPLCH
 VTSSPDTPAEPVLLEVTKAAPYIELVTNNQTQRLLQEAT

GENE INFORMATION

Gene Name [ASTN1 astrotactin 1 \[Homo sapiens \]](#)

Official Symbol [ASTN1](#)

Synonyms [ASTN](#); [Astrotactin 1](#); [ASTROTACTIN](#); [ASTN1](#); [KIAA0289](#)

Gene ID [460](#)

mRNA Refseq [NM_004319.1](#)

Protein Refseq [NP_004310.1](#)

MIM [600904](#)

UniProt ID [O14525](#)

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