

Recombinant Human FOXD3 protein, Arginine-tagged

Cat. No. FOXD3-144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FOXD3 protein fused with 11 arginine domain at C-terminal, which efficiently delivery protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	GEFTLSGGGSAS DMSGQTVLTA EDVDIDVVGE GDDGLEEKDS DAGCDSPAGP PELRLDEADE VPPAAPHHGQ PQPPHQQPLT LPKEAAGAGA GPGGDVGAP ADGCKGGVGG EEGGASGGGP GAGSGSAGGL APSKPKNSLV KPPYSYIALI TMAILQSPQK KLTLSGICEF ISNRFPYYRE KFAWQNSIR HNLSLNDCFV KIPREPGNPG KGNWYTLDPQ SEDMFDNGSF LRRRKRFKRH QQEHLREQTA LMMQSFGAYS LAAAAGAAGP YGRPYGLHPA AAAGAYSHPA AAAAAAAAAA LQYPYALPPV APVLPPAVPL LPSGELGRKA AAFGSQLGPG LQLQLNSLGA AAAAAGTAGA AGTTASLIKS EPSARPSFSI ENIGGGPAA PGGSAVGAGV AGGTGGSGGG STAQSFLRPP GTVQSAALMA THQPLSLSRT TATIAPILSV PLSGQFLQPA ASAAAAAAAAAQAKWPAQ LEESGGGGSPGRRRRRRRRRRR
Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for human ES or neuronal cell differentiation.2. Active recombinant protein, may be used for ELISA based DNA/Protein binding assay.3. As

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specific protein substrate for kinase assay.4. Immunogen for specific antibody production.

Storage Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days

GENE INFORMATION

Gene Name FOXD3 forkhead box D3 [Homo sapiens]

Official Symbol FOXD3

Synonyms FOXD3; forkhead box D3; forkhead box protein D3; Genesis; HFH2; HNF3/FH transcription factor genesis; AIS1; VAMAS2;

Gene ID 27022

mRNA Refseq NM_012183

Protein Refseq NP_036315

MIM 611539

UniProt ID Q9UJU5

Chromosome Location 1p31.3

Function DNA binding, bending; double-stranded DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription factor binding; transcription regulatory region DNA binding;

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