

Recombinant Human DEAF1 protein, His-tagged

Cat. No. DEAF1-11919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEAF1 protein(1-316 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-316 aa
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. The elution buffer contain 300mM imidazole.
AASequence	MEDSDSAKQLGLAEAAVAAAAVAAAAAAGGEAEEPVLSRDEDSEEDADSEA ERETPRVTAVAVMAAEPGHMDMGAEALPGPDEAAAAAFAEVTTVTVANVGAAAD NVFTTSVANAASISGHVLSGRTALQIGDSLNTKATLIVVHTDGSIVETTGLKGPAAPL TPGPQSPPTPLAPGQEKGGTKYNWDPSVYDSELPVRCRNISGTLYKNRLGSGGRG RCIKQGENWYSPTEFEAMAGRASSKDWKRSIRYAGRPLQCLIQDGILNPHAASCTC AACCDMTLSGPVRLFPYKRRKKENELPTTPVKK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [DEAF1 deformed epidermal autoregulatory factor 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [DEAF1](#)

Synonyms

DEAF1; deformed epidermal autoregulatory factor 1 (Drosophila); deformed epidermal autoregulatory factor 1 homolog; NUDR; SPN; ZMYND5; suppressin; zinc finger MYND domain-containing protein 5; nuclear DEAF-1-related transcriptional regulator;

Gene ID [10522](#)

mRNA Refseq [NM_021008](#)

Protein Refseq [NP_066288](#)

MIM [602635](#)

UniProt ID [O75398](#)

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SDS-PAGE



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