

# Recombinant Human ESD protein, His-tagged

**Cat. No.** ESD-566H    **Lot. No.** (See product label)

## SPECIFICATION

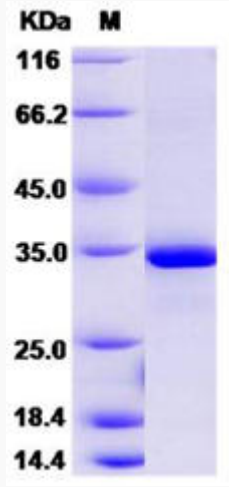
|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ESD protein(Q99426) (Met1-Ala282) was expressed in E.coli with a polyhistide tag at the N-terminus.                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-282 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human ESD consists of 297 amino acids and predicts a molecular mass of 33.4 KDa. It migrates as an approximately 34 KDa band in SDS-PAGE under reducing conditions.  |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

## GENE INFORMATION

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                        |                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ESD esterase D [ Homo sapiens ]                                                                                                                                                            |
| <b>Official Symbol</b> | ESD                                                                                                                                                                                        |
| <b>Synonyms</b>        | ESD; esterase D; esterase D/formylglutathione hydrolase; S-formylglutathione hydrolase; S formylglutathione hydrolase; esterase 10; methylumbelliferyl-acetate deacetylase; FGH; FLJ11763; |
| <b>Gene ID</b>         | 2098                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_001984                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_001975                                                                                                                                                                                  |
| <b>MIM</b>             | 133280                                                                                                                                                                                     |
| <b>UniProt ID</b>      | P10768                                                                                                                                                                                     |
| <b>SDS-PAGE</b>        |                                                                                                        |