

# Recombinant Human SPDEF Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08316

**Protein Name:** Ba375E1.Prostate-Specific Ets (SPDEF)

**Aliases:** PDEF; bA375E1.prostate-specific Ets; prostate-derived Ets factor

**UniProt ID:** O95238

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O95238/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-335aa)

**Molecular Weight:** 44.4 kDa

**Protein Tag:** C-terminal 6xHis-tagged

## 2. Amino Acid Sequence (1-335aa)

MGSASPGLSSVSPSHLLLPPDTVSRITGLEKAAAGAVGLERRDWSPSPATPEQGL  
SAFYLSYFDMLYPEDSSWAAKAPGASSREEPPEEPEQCPVIDSQAPAGSLDLVPG  
GLTLEEHSLEQVQSMVVGEVLKDIETACKLLNITADPMDWSPSNVQKLLWTEHQY  
RLPPMGKAFQELAGKELCAMSEEQFRQRSPLGGDVLHAHLDIWKSAAWMKERTS  
PGAIHYCASTSEESWTDSEVDSSCSGQPIHLWQFLKELLLKPHSYGRFIRWLNKEK  
GIFKIEDSAQVARLWGIRKNRPAMNYDKLSRSIRQYYKKGIIIRKPDISQRLVYQFVHPI

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

## 5. Product Description

This product is a recombinant Human SPDEF full length protein (1-335aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SPDEF, also known as PDEF or bA375E1.prostate-specific Ets or prostate-derived Ets factor, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.