

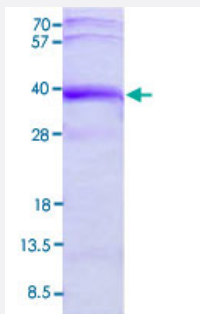
Full-Length

## DERA (Human) Recombinant Protein

Catalog # P3947

Size 50 ug

### Applications



### Specification

#### Product Description

Human DERA (NP\_057038, 1 a.a. - 318 a.a. ) full-length recombinant protein with His tag expressed in *Escherichia coli*.

#### Sequence

MGSSHHHHHHSSGLVPRGSHMSAHNRGTDLDSWISKIQVNHPAVLRRAEQIQARRTVKKEWQA  
AWLLKAVTFIDLTTLSGDDTSSNIQRLCYKAKYPIREDLLKALNMHDKGITTAAVCVYPARVCDVK  
ALKAAGCNIPVASVAAGFPAGQTHLKTRLEEIRLAVEDGATEIDVVINRSLVLTGQWEALYDEIRQF  
RKACGEAHLKTILATGELGTLTNVYKASMIAMMAGSDFIKTSTGKETVNATFPVAIVMLRAIRDFFW  
KTGNKIGFKPAGGIRSAKDSLAWLSLVKEELGDEWLKPELFRIGASTLLSDIERQYHHVTGRYAAAY  
HDLPMS

#### Host

*Escherichia coli*

#### Theoretical MW (kDa)

37.3

#### Form

Liquid

#### Preparation Method

*Escherichia coli* expression system

#### Purification

Conventional Chromatography

#### Concentration

0.5 mg/mL

#### Purity

> 90% by SDS-PAGE

**Quality Control Testing**

Loading 3 ug protein in 15% SDS PAGE.

**Storage Buffer**

In 20 mM Tris-HCl buffer, 100 mM NaCl, pH 8.0 (20% glycerol, 1 mM DTT).

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — DERA

**Entrez GeneID**[51071](#)**Protein Accession#**[NP\\_057038](#)**Gene Name**

DERA

**Gene Alias**

CGI-26, DEOC

**Gene Description**

2-deoxyribose-5-phosphate aldolase homolog (C. elegans)

**Gene Ontology**[Hyperlink](#)**Other Designations**

deoxyribose-phosphate aldolase-like

## Pathway

- [Pentose phosphate pathway](#)

## Disease

- [Tobacco Use Disorder](#)