

RPPB1568

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## Product Information    Protein Information

**Product SKU:**

RPPB1568

**Accession:**

Q9Y315

**Host:**

Escherichia Coli.

**Protein description:**

DERA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 279 amino acids (1-259 a.a.) and having a molecular mass of 29.9kDa. DERA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Putative deoxyribose-phosphate aldolase, DERA, 2-deoxy-D-ribose 5-phosphate aldolase, Phosphodeoxyriboaldolase, Deoxyriboaldolase, DERA, CGI-26.

**Formulation:**

The DERA solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MTDLKASSLR ALKLMDLTTL NDDDTDEKVI ALCHQAKTPV GNTAAICIYP  
RFIPIARKTL KEQGTPEIRI ATVTNFPHGN DDIDIALAET RAAIAYGADE VDVVFPYRAL MAGNEQVGF  
LVKACKEACA AANVLLKVII ETGELKDEAL IRKASEISIK AGADFIKTST GKVAVNATPE SARIMMEVIR  
DMGVEKTVGF KPAGGVRTAE DAQKYLAIRD ELFGADWADA RHYRFGASSL LASLLKALGH GDGKSASSY.