

Deoxyribose-Phosphate Aldolase Recombinant Protein | DERA recombinant protein

Recombinant E Coli Deoxyribose-Phosphate Aldolase

CATALOG # AAA38995	HOST E Coli
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PRODUCT SYNONYMS

Deoxyribose-Phosphate Aldolase; Recombinant E Coli Deoxyribose-Phosphate Aldolase; DERA E.coli; Deoxyribose-Phosphate Aldolase E.Coli Recombinant; Putative deoxyribose-phosphate aldolase; DERA; 2-deoxy-D-ribose 5-phosphate aldolase; Phosphodeoxyriboaldolase; Deoxyriboaldolase; CGI-26; DERA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The DERA solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.
Sequence	MGSSHHH HHHSSGLVPR GSHMTD LKASSLRALK LMDLTTLNDD DTDEKVIALC HQAKTPVGNT AAICIYPRFI PIARKTLKEQ GTPEIRIATV TNFPHGNDDI DIALAETRAA IAYGADEV DV VFPYRALMAG NEQVGFDLVK ACKEACAAAN VLLKVIIETG ELKDEALIRK ASEISIKAGA DFIKTSTGKV AVNATPESAR IMMEVIRDMG VEKTVGFKPA GGVRTAEDAQ KYLAIADEL F GADWADARHY RFGASSLLAS LLKALGHGDG KSASSY
Sequence Length	318
Physcial Appearance	Sterile Filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for DERA recombinant 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.
Product Categories/Family for DERA recombinant protein	Enzymes ; Aldolase

NCBI AND UNIPROT INFORMATION

NCBI GI #	116063554
NCBI GeneID	51071
NCBI Accession #	NP_057038.2
NCBI GenBank Nucleotide #	NM_015954.3
UniProt Accession #	Q9Y315 ; Q53HN9 ; Q6PHW2
NCBI Official Full Name	deoxyribose-phosphate aldolase isoform 1
NCBI Official Synonym Full Names	deoxyribose-phosphate aldolase (putative)
NCBI Official Symbol	DERA
NCBI Official Synonym Symbols	DEOC; CGI-26

NCBI Protein Information	deoxyribose-phosphate aldolase; 2-deoxy-D-ribose 5-phosphate aldolase; 2-deoxyribose-5-phosphate aldolase homolog; deoxyriboaldolase; phosphodeoxyriboaldolase; putative deoxyribose-phosphate aldolase
UniProt Protein Name	Deoxyribose-phosphate aldolase
UniProt Gene Name	DERA
UniProt Synonym Gene Names	DERA; Deoxyriboaldolase
UniProt Entry Name	DEOC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dera-recombinant-protein-e-coli/38995>