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## 32-2264: DERA Recombinant Protein

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| **Alternative Name :** | Putative deoxyribose-phosphate aldolase,DERA,2-deoxy-D-ribose 5-phosphate aldolase,Phosphodeoxyriboaldolase,Deoxyriboaldolase,DERA,CGI-26. |

## Description

Source : E.coli. DERA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 338 amino acids (1-318) and having a molecular mass of 37.3 kDa.DERA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Deoxyribose-phosphate aldolase (DERA) is a member of the deoC/fbaB aldolase protein family involved in the carbohydrate degradation pathway. DERA catalyzes the conversion of 2-deoxy-D-ribose 5-phosphate to D-glyceraldehyde 3-phosphate and an acetyldehyde.

## Product Info

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| **Amount :** | 10 µg |
| **Purification :** | Greater than 85% as determined by SDS-PAGE. |
| **Content :** | The DERA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. |
| **Storage condition :** | 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 :** | MGSSHHHHHH SSGLVPRGSH MSAHNRGTEL DLSWISKIQV NHPAVLRRAE QIQARRTVKK EWQAAWLLKA VTFIDLTTLS GDDTSSNIQR LCYKAKYPIR EDLLKALNMH DKGITTAAVC VYPARVCDAV KALKAAGCNI PVASVAAGFP AGQTHLKTRL EEIRLAVEDG ATEIDVVINR SLVLTGQWEA LYDEIRQFRK ACGEAHLKTI LATGELGTLT NVYKASMIAM MAGSDFIKTS TGKETVNATF PVAIVMLRAI RDFFWKTGNK IGFKPAGGIR SAKDSLAWLS LVKEELGDEW LKPELFRIGA STLLSDIERQ IYHHVTGRYA AYHDLPMS |