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32-2265: DERA Recombinant Protein

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

Description

Source : Escherichia Coli. 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. 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

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The DERA solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.
Storage condition :	DERA should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MTDLKASSLR ALKLMDLTTL NDDDTDEKVI ALCHQAKTPV GNTAAICIYP RFIPIARKTL KEQGTPEIRI ATVTNFPHGN DDIDIALAET RAAIAYGADE VDVVFPYRAL MAGNEQVGFD LVKACKEACA AANVLLKVII ETGELKDEAL IRKASEISIK AGADFIKTST GKVAVNATPE SARIMMEVIR DMGVEKTVGF KPAGGVRTAE DAQKYLAIAD ELFGADWADA RHYRFGASSL LASLLKALGH GDGKSASSY.

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