Recombinant Human DERA Protein, His-tagged

Cat. No. DERA-2544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DERA (NP_057038, 1 a.a. - 318 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
Description	DERA (Deoxyribose-Phosphate Aldolase) is a Protein Coding gene. Diseases associated with DERA include Phlebotomus Fever. Among its related pathways are Innate Immune System and Pentose phosphate pathway. GO annotations related to this gene include lyase activity and deoxyribose-phosphate aldolase activity.
Form	Liquid
Molecular Mass	37.3 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMSAHNRGTELDLSWISKIQVNHPAVLRRAEQIQAR RTVKKEWQAAWLLKAVTFIDLTTLSGDDTSSNIQRLCYKAKYPIREDLLKALNMHDK GITTAAVCVYPARVCDAVKALKAAGCNIPVASVAAGFPAGQTHLKTRLEEIRLAVEDG ATEIDVVINRSLVLTGQWEALYDEIRQFRKACGEAHLKTILATGELGTLTNVYKASMIA MMAGSDFIKTSTGKETVNATFPVAIVMLRAIRDFFWKTGNKIGFKPAGGIRSAKDSLA WLSLVKEELGDEWLKPELFRIGASTLLSDIERQIYHHVTGRYAAYHDLPMS
Purity	> 90% by SDS-PAGE

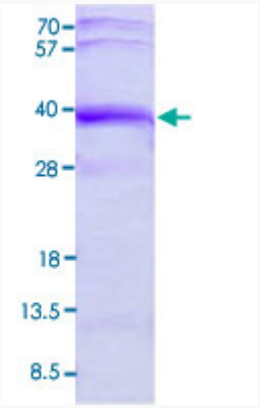
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Storage	Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.5 mg/mL
Storage Buffer	In 20 mM Tris-HCl, 100 mM NaCl, pH 8.0 (20% glycerol, 1 mM dithiothreitol)

GENE INFORMATION

Gene Name	DERA deoxyribose-phosphate aldolase (putative) [Homo sapiens]
Official Symbol	DERA
Synonyms	DERA; deoxyribose-phosphate aldolase (putative); 2 deoxyribose 5 phosphate aldolase homolog (C. elegans); putative deoxyribose-phosphate aldolase; CGI 26; DEOC; deoxyriboaldolase; phosphodeoxyriboaldolase; 2-deoxy-D-ribose 5-phosphate aldolase; 2-deoxyribose-5-phosphate aldolase homolog; CGI-26;
Gene ID	51071
mRNA Refseq	NM_015954
Protein Refseq	NP_057038
UniProt ID	Q9Y315

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control Testing:	 Loading 3 µg protein in 15% SDS PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA