

Recombinant Full Length Human DERA Protein, GST-tagged

Cat. No. DERA-2473HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DERA full-length ORF (AAI52914.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	318 amino acids
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.
Molecular Mass	61.38 kDa
AA Sequence	MSAHNRGTDLDSWISKIQVNHPAVLRRAEQIQARRTVKKEWQAAWLLKAVTFIDLT TLSGDDTSSNIQRLCYKAKYPIREDLLKALNMHDKGITTAAVCVYPARVCDVAVKALKA AGCNIPVASVAAGFPAGQTHLKTREEIRLAVEDGATEIDVVINRSLVLTGQWEALYD EIRQFRKACGEAHLKTLATGELGTLTNVYKASMIAMMAGSDFIKTSTGKETVNATFP VAIVMLRAIRDFFWKTGNKIGFKPAGGIRSAKDSLAWLSLVKEELGDEWLKPELFRIG ASTLLSDIERQIYHHVTGRYAAAYHDLPM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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
MIM	619668
UniProt ID	Q9Y315

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