Recombinant Escherichia coli DEOD Protein (2-239 aa), GST-tagged

Cat. No. DEOD-1311E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) DEOD Protein (2-239 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	E.coli
Source	E.coli
ProteinLength	2-239 aa
Description	Cleavage of guanosine or inosine to respective bases and sugar-1-phosphate molecules.
Form	Tris-based buffer,50% glycerol
Molecular Mass	52.8 kDa
AA Sequence	ATPHINAEMGDFADVVLMPGDPLRAKYIAETFLEDAREVNNVRGMLGFTGTYKGRKI SVMGHGMGIPSCSIYTKELITDFGVKKIIRVGSCGAVLPHVKLRDVVIGMGACTDSKV NRIRFKDHDFAAIADFDMVRNAVDAAKALGIDARVGNLFSADLFYSPDGEMFDVMEK YGILGVEMEAAGIYGVAAEFGAKALTICTVSDHIRTHEQTTAAERQTTFNDMIKIALES VLLGDKE
Purity	> 90% as determined by SDS-PAGE.

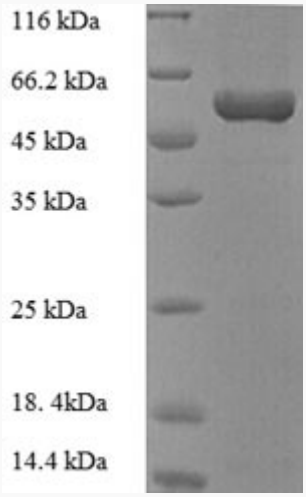
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	deoD purine nucleoside phosphorylase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	DEOD
Synonyms	ECK4376; pup;
Gene ID	945654
Protein Refseq	NP_418801
UniProt ID	P0ABP8

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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