

Recombinant Fruit Fly RPS3 Protein (1-246 aa), His-tagged

Cat. No. RPS3-2481F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Fruit Fly (<i>Drosophila melanogaster</i>) RPS3 Protein (1-246 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Fruit Fly
Source	E.coli
ProteinLength	1-246 aa
Description	Has DNA repair activity directed towards the mutagenic lesions 8-oxoguanine and abasic sites in DNA. It can cleave DNA containing 8-oxoguanine residues efficiently. Also acts as an ap lyase, cleaving phosphodiester bonds via a beta,delta elimination reaction.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.5 kDa
AA Sequence	MNANLPISKKRKFVSDGIFKAELNEFLTRELAEDGYSGVEVRVTPSRTEIIIMATKTQQ VLGEKGRRIRELTAMVQKRNFETGRIELYAEKVAARGLCIAQAESLRYKLTGGLAV RRACYGVLRYIMESGAKGCEVVVSGKLRGQRAKSMKFVDGLMIHSGDPCNDYVET ATRHVLLRQGVLGKVKVMLPYDPKNKIGPKKPLPDNVSVVEPKKEEKIYETPETEYKI PPPSKPLDDLSEAKVL

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Purity	> 85% as determined by SDS-PAGE.
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 will be sent along with the products. Please refer to it for detailed information.

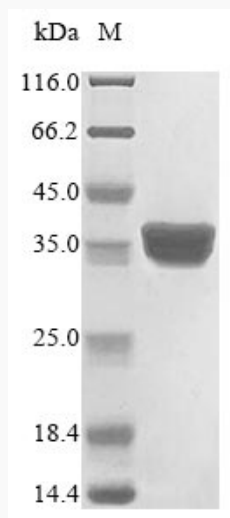
GENE INFORMATION

Gene Name	RpS3 Ribosomal protein S3 [<i>Drosophila melanogaster</i> (fruit fly)]
Official Symbol	RPS3
Synonyms	RpS3; 6779; CG6779; chr3R:19185518..19185701; Dmel\CG6779; DmRpS3; dS3; IP15838p; M; M(3)124; M(3)95A; M(3)B; M(3)B2; M(3)Fla; M(3)w; M(3R)w; M95A; Mw; M[[w]]; Rp S3; rps3; rpS3; Rps3; RPS3; RS3; S3; X72921;
Gene ID	42761
mRNA Refseq	NM_001300552
Protein Refseq	NP_001287481
UniProt ID	Q06559

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

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