

Recombinant *Saccharomyces Cerevisiae* DOG1 Protein (1-246 aa), His-tagged

SPECIFICATION

Cat.No.	DOG1-2092S
Species	<i>Saccharomyces cerevisiae</i>
Product Name	Recombinant <i>Saccharomyces Cerevisiae</i> DOG1 Protein (1-246 aa), His-tagged
Product Overview	Recombinant <i>Saccharomyces Cerevisiae</i> (strain ATCC 204508/S288c) (Baker's yeast) DOG1 Protein (1-246 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Description	Active on 2-DOG-6P, also very active on fructose-1P.
Source	Yeast
Tag	His
Form	Tris-based buffer, 50% glycerol
Molecular Mass	29.1 kDa
AA Sequence	MAEFSADLCLFDLDGTIVSTTVAAEKAWTKLCYEYGVDPSELFKHSHGARTQEVLRR FFPKLDDTDNKGVLALEKDIAHSYLDTVSLIPGAENLLLSLDVDTETQKKLPERKWAIV TSGSPYLAFSWFETILKNVGKPKVFITGFDVKNGKPDPEGYSRARDLLRQDLQLTGK QDLKYVVFEDAPVGIKAGKAMGAITVGITSSYDKSVLFDAGADYVVCDLTQVSVVKNN ENGIVIQVNNPLTRA
Purity	> 90% as determined by SDS-PAGE.
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.
Synonyms	DOG1;
UniProt ID	P38774
Protein length	1-246 aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
Sequence	MAEFSADLCLFDLDGTIVSTTVAAEKAWTKLCYEYGVDPSELFKHSHGARTQEVLRR FFPKLDDTDNKGVLALEKDIAHSYLDTVSLIPGAENLLLSDVDVTETQKKLPERKWAIV TSGSPYLAFSWFETILKNVGKPKVFITGFDVKNGKPDPEGYSRARDLLRQDLQLTGK QDLKYVVFEDAPVGIKAGKAMGAITVGITSSYDKSVLFDAGADYVVCDLTQVSVVKNN ENGIVIQVNNPLTRA