

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

Cat. No. DOG1-2092S **Lot. No.** (See product label)

SPECIFICATION

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.
Species	<i>S.cerevisiae</i>
Source	Yeast
ProteinLength	1-246 aa
Description	Active on 2-DOG-6P, also very active on fructose-1P.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	29.1 kDa
AA Sequence	MAEFSADLCLFDLDGTIVSTTVAAEKAWTKLCYEYGVDPSELFKHSHGARTQEVLRR FFPKLDDTDNKGVLALEKDIAHSYLDTVSLIPGAENLLSLDVDVTETQKKLPERKWAIV TSGSPYLAFSWFETILKNVGKPKVFITGFDVKNGKPDPEGYSRARDLLRQDLQLTGK QDLKYVVFEDAPVGKAGKAMGAITVGITSSYDKSVLFDAGADYVVCDLTQVSVVKN NENGIVIQVNNPLTRA
Purity	> 90% as determined 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

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

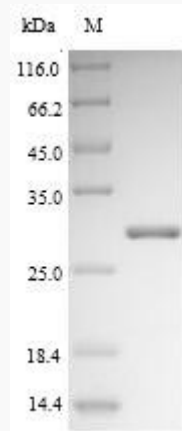
A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION
Synonyms

DOG1;

UniProt ID

[P38774](#)



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

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