Recombinant Saccharomyces Cerevisiae TPS2 Protein (11-243 aa), His-tagged

Cat. No. TPS2-1295S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Saccharomyces Cerevisiae (strain ATCC 204508/S288c) (Baker's yeast) TPS2 Protein (11-243 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	S.cerevisiae
Source	E.coli
ProteinLength	11-243 aa
Description	Phosphatase catalytic subunit of the trehalose synthase complex that catalyzes the production of trehalose from glucose-6-phosphate and UDP-glucose in a two step process.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.8 kDa
AA Sequence	KKRQRIINCVTQLPYKIQLGESNDDWKISATTGNSALFSSLEYLQFDSTEYEQHVVG WTGEITRTERNLFTREAKEKPQDLDDDPLYLTKEQINGLTTTLQDHMKSDKEAKTDT TQTAPVTNNVHPVWLLRKNQSRWRNYAEKVIWPTFHYILNPSNEGEQEKNWWYDY VKFNEAYAQKIGEVYRKGDIIWIHDYYLLLLPQLLRMKFNDESIIIGYFHHAPWPSNEY FRCLP

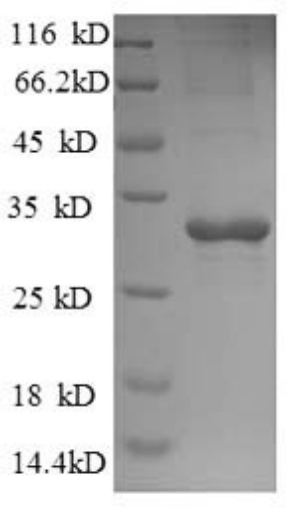
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	TPS2; Trehalose synthase complex catalytic subunit TPS2; Trehalose-6-phosphate phosphatase; TPP;
UniProt ID	P31688

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

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