

## Recombinant *Saccharomyces Cerevisiae* NTH1 Protein (546-751 aa), His-tagged

**Cat. No.** NTH1-1307S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Saccharomyces Cerevisiae</i> (strain ATCC 204508/S288c) (Baker's yeast) NTH1 Protein (546-751 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial. |
| <b>Species</b>          | <i>S.cerevisiae</i>                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 546-751 aa                                                                                                                                                                                                                                         |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 27.6 kDa                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | YMWDDESGFFFDYNTKIKHRTSYESATTFWALWAGLATKEQAQKMVEKALPKLEML<br>GGLAACTERSRGPISISRPIRQWDYPFGWAPHQILAWEGLRSYGylTVTNRLAYRW<br>LFMMTKAFVDYNGIVVEKYDVTRGTDPHRVEAEYGNQGADFKGAATEGFGWVNAS<br>YILGLKYMNSHARRALGACIPPISFFSSLRPQERNLYGL                         |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                       |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

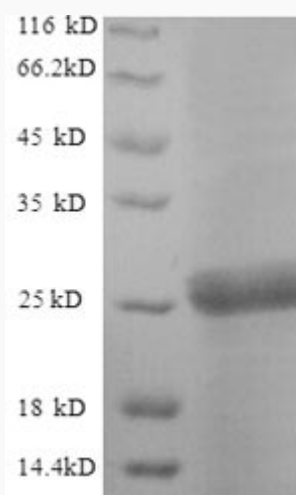
**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 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** NTH1; Alpha,alpha-trehalase; Alpha,alpha-trehalose glucohydrolase;

**UniProt ID** [P32356](#)



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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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