Recombinant Saccharomyces Cerevisiae HYP2 Protein (2-157 aa), His-SUMO-tagged

Cat. No. HYP2-1764S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Saccharomyces Cerevisiae (strain ATCC 204508/S288c) (Baker's yeast) HYP2 Protein (2-157 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	S.cerevisiae
Source	E.coli
ProteinLength	2-157 aa
Description	mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Essential for polarized growth, a process necessary for G1/S transition. May mediate large range of effects of the polyamine spermidine in the cell.
Form	Tris-based buffer,50% glycerol
Molecular Mass	33.0 kDa
AA Sequence	SDEEHTFETADAGSSATYPMQCSALRKNGFVVIKSRPCKIVDMSTSKTGKHGHAKV HLVAIDIFTGKKLEDLSPSTHNMEVPVVKRNEYQLLDIDDGFLSLMNMDGDTKDDVK

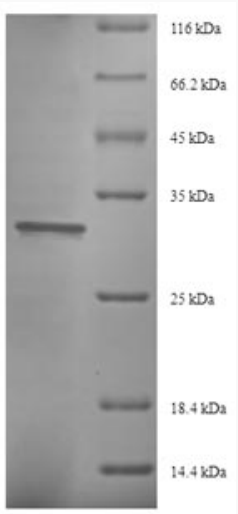
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	APEGELGDSLQTAFDEGKDLMVTIISAMGEEAAISFKEAARTD
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, 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.

GENE INFORMATION

Synonyms	HYP2; Hypusine-containing protein HP2 eIF-4D;
UniProt ID	P23301

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

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