



Recombinant *Saccharomyces cerevisiae* Histidinol-phosphate aminotransferase (HIS5)

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|--------------------------|---|
| Product Code | CSB-EP357044SVG |
| 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P07172 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MVFDLKRIVR PKIYNLEPYR CARDDFTEGI LLDANENAHG PTPVELSKTN LHRYDPHQLEFKTAMTKYR NKTSSYANDP EVKPLTADNL CLGVGSDESI DAIRACCVPGKEKILVLPP TYSMYSVCAN INDIEVVQCP LTVSDGSFQM DTEAVLTILK NDSLKLMFV TSPGNPTGAK IKTSLIEKVL QNWDNGLVVV DEAYVDFCGG STAPLVTKYP NLVTLQTLISK SFGLAGIRLG MTYATAELAR ILNAMKAPYN ISSLASEYAL KAVQDSNLKK MEATSKIINE EKMRLKELT ALDYVDDQYV GGLDANFLLI RINGGDNVLA KKLYYQLATQ SGVVVRFGRN ELGCSGCLRI TVGTHEENTH LIKYFKETLY KLANE |
| Source | E.coli |
| Target Names | HIS5 |
| Protein Names | Recommended name: Histidinol-phosphate aminotransferase EC= 2.6.1.9 Alternative name(s): Imidazole acetol-phosphate transaminase |
| Expression Region | 1-385 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
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