

SurA protein, His tag (active)

Cat. No. GTX66888-pro

Applications	Functional Assay
Species	E. coli

Package

100 µg

Applications

Application Note

Specific activity is > 800 nmol/min/mg, and is defined as the amount of enzyme that cleaves 1nmole of suc-AAFP-PNA per minute at 37°C in Tris-HCl (pH 8.0) using chymotrypsin.

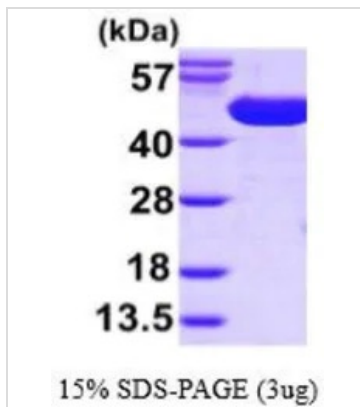
Properties

Form	Liquid
Buffer	20mM Tris-HCl, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	N-terminal His-Tag; Length: 429 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MAPQWVKVA AVVNGVLE SDVDGLMQSV KLNAQARQQ LPDDATLRHQ IMERLIMDQI ILQMGQKMGV KISDEQLDQA IANIAKQNNM TLDQMRSLA YDGLNYNTYR NQIRKEMIIS EVRNNEVRRR ITILPQEVES LAQQVGNQND ASTELNLSHI LIPLPENPTS DQVNEAESQA RAIVDQARNG ADFGKLAIAH SADQQALNGG QMGWGRIQEL PGIFAQALST AKKGDIVGPI RSGVGFHILK VNDLRGESKN ISVTEVHARH ILLKPSPIMT DEQARVKLEQ IAADIKSGKT TFAAAAKEFS QDPGSANQGG DLGWATPDIF DPAFRDALTR LNKGM SAPV HSSFGWHLIE LLDTRNVDKT DAAQKDRAYR MLMNRKFSEE AASWMQE QRA SAYVKILSN
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX66888-pro Image**

3 μ g of GTX66888-pro SurA protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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