

Recombinant Human ASNS protein, His-tagged

Cat. No. ASNS-30H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASNS(His213~Tyr536) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His213~Tyr536
Description	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	41.1KDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	ASNS asparagine synthetase (glutamine-hydrolyzing) [Homo sapiens]
Official Symbol	ASNS
Synonyms	ASNS; asparagine synthetase (glutamine-hydrolyzing); asparagine synthetase; asparagine synthetase [glutamine-hydrolyzing]; TS11 cell cycle control protein; glutamine-dependent asparagine synthetase; TS11;
Gene ID	440
mRNA Refseq	NM_001178075
Protein Refseq	NP_001171546
MIM	108370
UniProt ID	P08243

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