

## Recombinant Human UTS2 Protein, His-tagged

Cat. No. UTS2-506H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UTS2(Ser20~Trp120) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser20~Trp120
<b>Description</b>	This gene encodes a mature peptide that is an active cyclic heptapeptide absolutely conserved from lamprey to human. The active peptide acts as a vasoconstrictor and is expressed only in brain tissue. Despite the gene family name similarity, this gene is not homologous to urocortin, a member of the sauvagine/corticotropin-releasing factor/urotensin I family. Most of the proprotein is cleaved to make the mature peptide. Transcript variants encoding different preproprotein isoforms have been described for this gene
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	13.2kDa
<b>Identity</b>	Reconstitute in PBS or others
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

 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

<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">UTS2 urotensin 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">UTS2</a>
<b>Synonyms</b>	UTS2; urotensin 2; urotensin-2; PRO1068; U II; UCN2; UII; urotensin II; U-II;
<b>Gene ID</b>	<a href="#">10911</a>
<b>mRNA Refseq</b>	<a href="#">NM_006786</a>
<b>Protein Refseq</b>	<a href="#">NP_006777</a>
<b>MIM</b>	<a href="#">604097</a>

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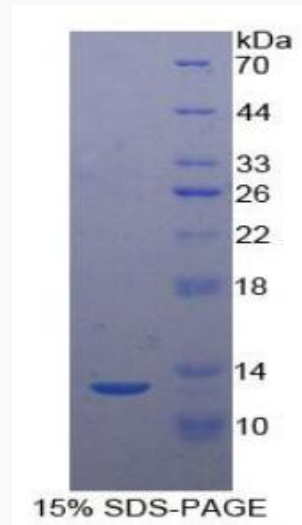
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UniProt ID

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