

## Thyrotropin Releasing Hormone (TRH) Small Molecule | TRH small molecule

OVA Conjugated Thyrotropin Releasing Hormone (TRH)

|                               |                                    |                                               |
|-------------------------------|------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA146801</b> | HOST<br><b>Protein Conjugation</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|------------------------------------|-----------------------------------------------|

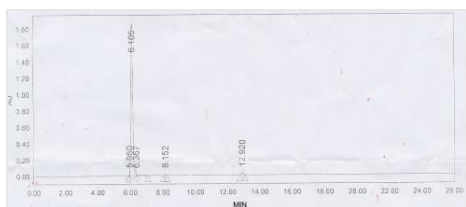
### PRODUCT SYNONYMS

Thyrotropin Releasing Hormone (TRH); OVA Conjugated Thyrotropin Releasing Hormone (TRH); TRF; Thyrotropin-Releasing Factor; Thyroliberin; Protirelin; Pro-tirelin; Prothyroliberin; TSH-releasing factor; TRH small molecule

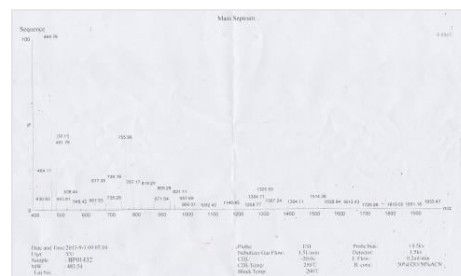
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Protein Conjugation                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification                            | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                    | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                | 242                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for TRH small molecule | WB (Western Blot), SDS-PAGE, Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer Formulation                             | PBS, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Organism Species                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Usage                                          | Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                        | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>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 degree C 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. |

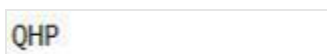
### IMAGES



Application Data



Application Data



Sequence

### ADDITIONAL INFORMATION

|                                                  |                            |
|--------------------------------------------------|----------------------------|
| Product Categories/Family for TRH small molecule | Conjugated small molecules |
|--------------------------------------------------|----------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 6005920                                     |
| NCBI GeneID                      | 7200                                        |
| NCBI Accession #                 | NP_009048.1                                 |
| NCBI GenBank Nucleotide #        | NM_007117.4                                 |
| UniProt Accession #              | P20396; Q2TB83; B2R8R1                      |
| Molecular Weight                 | 27,404 Da                                   |
| NCBI Official Full Name          | thyrotropin releasing hormone preproprotein |
| NCBI Official Synonym Full Names | thyrotropin releasing hormone               |
| NCBI Official Symbol             | TRH                                         |
| NCBI Official Synonym Symbols    | TRF; Pro-TRH                                |
| NCBI Protein Information         | thyrotropin releasing hormone               |
| UniProt Protein Name             | Pro-thyrotropin-releasing hormone           |
| UniProt Gene Name                | TRH                                         |
| UniProt Synonym Gene Names       | Pro-TRH; TRH; TRF                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/protein-conjugation-small-molecule/thyrotropin-releasing-hormone-trh/146801>