

# Recombinant Human STYX Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** STYX-2414H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | STYX MS Standard C13 and N15-labeled recombinant protein (NP_001124173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The protein encoded by this gene is a pseudophosphatase, able to bind potential substrates but lacking an active catalytic loop. The encoded protein may be involved in spermiogenesis. Two transcript variants encoding the same protein have been found for these genes.    |
| <b>Molecular Mass</b>   | 25.5 kDa                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MEDVKLEFPSLPQCKEDAEWTPMRREMQEILPGLFLGPYSSAMKSKLPVLQKHG<br>ITHIICIRQNIEANFIKPNFQQLFRYLVLADIADNPVENIIRFFPMTKEFIDGSLQMGGKVL<br>VHGNAGISRSAFVIAYIMETFGMKYRDAFAYVQERRFCINPNAGFVHQLQEYEAIIYL<br>AKLTIQMMSPLQIERSLSVHSGTTGSLKRTHEEEDDFGTMQVATAQNGTRTRPLEQ<br>KLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                   |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                    |

 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>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                               |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                     |

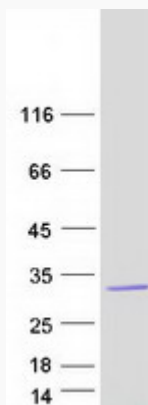
## GENE INFORMATION

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | STYX serine/threonine/tyrosine interacting protein [ Homo sapiens (human) ]                                                                              |
| <b>Official Symbol</b> | STYX                                                                                                                                                     |
| <b>Synonyms</b>        | STYX; serine/threonine/tyrosine interacting protein; serine/threonine/tyrosine-interacting protein; protein tyrosine phosphatase-like protein; FLJ42934; |
| <b>Gene ID</b>         | 6815                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001130701                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_001124173                                                                                                                                             |
| <b>MIM</b>             | 615814                                                                                                                                                   |
| <b>UniProt ID</b>      | Q8WUJ0                                                                                                                                                   |

 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

**SDS-PAGE**

 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