

# Recombinant Human HLA-A complex Protein (tetramer), His-Avi-tagged, PE-Labeled

**Cat. No.** HLA-A-730HP    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant PE-Labeled Human NY-ESO-1 (HLA-A*02:01) Tetramer Protein(A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLMWITQC)(Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M) and SLLMWITQC peptide) is expressed from Expi293 with His tag and Avi tag at the C-terminal,tetramer is assembled by biotinylated monomer and streptavidin. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M) and SLLMWITQC peptide                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.                                                                                                                                                 |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 258 kDa. Due to glycosylation, the protein migrates to 260-265 kDa under Non reducing (N) condition based on Tris-Bis PAGE result.                                                                                                                                                        |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Tris-Bis 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

**Storage** Valid for 12 months from date of receipt when stored at -80°C.  
Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution** It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

## GENE INFORMATION

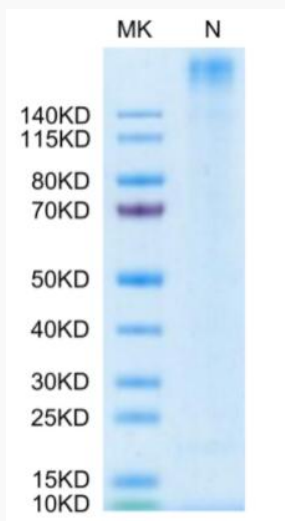
|                        |                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HLA-A major histocompatibility complex, class I, A [ Homo sapiens ]                                                                                                                                                            |
| <b>Official Symbol</b> | HLA-A                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | HLA-A; major histocompatibility complex, class I, A; HLA class I histocompatibility antigen, A-1 alpha chain; antigen presenting molecule; leukocyte antigen class I-A; MHC class I antigen HLA-A heavy chain; HLAA; FLJ26655; |
| <b>Gene ID</b>         | 3105                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001242758                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001229687                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P01891                                                                                                                                                                                                                         |

 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

# Tris-Bis 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