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## Product Datasheet

### Recombinant Human GP100 (HLA-A\*02:01) Complex Protein ABB-RP02686

Article Name	Recombinant Human GP100 (HLA-A*02:01) Complex Protein
Biozol Catalog Number	ABB-RP02686
Supplier Catalog Number	RP02686
Alternative Catalog Number	ABB-RP02686-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M) and YLEPGPVTA peptide
Product Description	Glycoprotein 100, gp100 or Melanocyte protein PMEL is 661 amino acids long and is a type I transmembrane glycoprotein enriched in melanosomes, which are the melanin-producing organelles in melanocytes. This protein is involved in melanosome maturatio...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	50.4 kDa
UniProt	<a href="#">A0A140T913</a>
Purity	95 % as determined by Tris-Bis PAGE, 95 % as determined by HPLC.
Target	GP100 (HLA-A*02:01) Complex

Application Notes	<p>Cross-Reactivity: Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. Research Area: Other Recombinant Protein</p>
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