产品名称：Recombinant Human HLA-A*0201 TP53 complex Protein (C-10His)
产品货号：PHH2407

概述（Summary）

英文全称	HLA-A*0201 TP53 complex Protein
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human HLA-A*0201 TP53 complex Protein is produced by our Mammalian expression system and the target gene encoding (HMTEVVRHC)(R175H)&Ile21-Met119&Gly25-Ile308 (Ala269Val) is expressed with a 10His tag at the C-terminus.
Accession #	P61769&A0A140T913
表达宿主（Host）	Human cells
种属（Species）	Human
预测分子量（Predicted MW）	49.1 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 1mM EDTA, pH 7.4.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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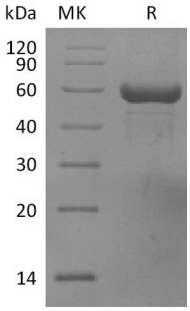

背景（Background）

分子别名（Alternative Names）	MHC, HLA-A*0201 TP53 complex Protein
背景介绍（References）	Cellular tumor antigen p53, is also known as TP 53, is the most frequently mutated gene across all cancers and encodes the tumor suppressor p53 protein. There is a neoepitope of TP53 which is p53R175H HMTEVVRHC. TP53 protein is degraded by the proteasome into peptides, some of which can be presented on the cell surface by human leukocyte antigen (HLA). The p53R175H /HLA-A*02:01 complex is a particularly attractive therapeutic target, shared by many cancer patients.

注意事项（Note）

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