

Recombinant Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Tetramer Protein,His-Avi Tag

产品信息

产品名称	产品编号	规格
Recombinant Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Tetramer Protein,His-Avi Tag	95922ES25	25 µg
	95922ES60	100 µg
	95697ES76	500 µg

性能参数

蛋白别名 (Synonyms)	HLA0201; MHC I; gp100; Glycoprotein 100; ME20-M; P100
种属 (Species)	Human
表达系统 (Source)	HEK293
表达序列 (Sequence)	Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M)and YLEPGPVTA peptide
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&YLEPGPVTA
标签 (Tag)	C-His-Avi
分子量 (Molecular Weight)	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 Bis-Tris PAGE result.
内毒素 (Endotoxin)	Less than 1EU per µg by the LAL method.
纯度 (Purity)	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
活性 (Activity)	ELISA Data: Immobilized Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Tetramer, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Antibody, hFc Tag with the EC50 of 5.6ng/ml determined by ELISA . SPR Data: Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Tetramer, His Tag immobilized on CM5 Chip can bind Tebentafusp with an affinity constant of 0.196 nM as determined in SPR assay .
制剂 (Formulation)	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

储存条件

-25~-15℃保存，收到货之后有效期 1 年。复溶后， 2~8 ℃ 保存，7 天有效期。复溶后， -85~-65℃保存，3 个月有效期。

复溶方法

开盖之前，先离心。使用蒸馏水复溶冻干的蛋白质，复溶浓度超过 100 μg/mL。建议首次使用时将蛋白分装为每次实验用量，避免反复冻融。

注意事项

1. 为了您的安全和健康，请穿实验服并戴一次性手套操作。
2. 本产品仅作科研用途。