

Product datasheet for **TP726739**

beta 2 Microglobulin (B2M) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human HLA-A*0201 NY-ESO-1 complex Protein (C-10His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ile21-Met119&Gly25-Ile308 (Ala269Val)
Tag:	C-10His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 500mM NaCl, pH7.4.
Note:	Recombinant Human B2M&HLA-A is produced by our Mammalian expression system and the target gene encoding Ile21-Met119&Gly25-Ile308 (Ala269Val) is expressed with a 10His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	567
UniProt ID:	P61769
Summary:	NY-ESO-1 is a well-known cancer-testis antigen (CTAs) with re-expression in numerous cancer types. Its ability to elicit spontaneous humoral and cellular immune responses, together with its restricted expression pattern, have rendered it a good candidate target for cancer immunotherapy. Optimally assembled peptide-HLA-B2M trimer translocates to the surface of antigen-presenting cells, where it interacts with TCR and CD8 coreceptor on the surface of T cells.



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