

Product datasheet for **TP725505**

DHLAG (CD74) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD74 (N-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln73-Met232
Tag:	N-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human CD74 is produced by Human Cells. The target gene encoding Gln73-Met232 is expressed with a N-His tag.
Stability:	12 months from date of despatch
Locus ID:	972
UniProt ID:	P04233
Summary:	Cluster of Differentiation 74 (CD74) is also known as HLA class II histocompatibility antigen gamma chain (HLADG), DHLAG, Ia-GAMMA, invariant chain (Abbreviated Ii). CD74 / HLADG is a polypeptide involved in the formation and transport of MHC class II protein. The cell surface form of the invariant chain is known as CD74. CD74 is upregulated in several cancers and is also expressed by non-immune cells during inflammation. CD74 plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha / beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to the endosomal / lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. CD74 / DHLAG also serves as cell surface receptor for the cytokine MIF.



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