

## 32-8525: Recombinant Mouse HLADG/CD74 (C-mFc-6His)

**Gene :** Cd74  
**Gene ID :** 16149  
**Uniprot ID :** P04441

### Description

Source: Human Cells.  
MW :44.5kD.

Recombinant Mouse HLADG is produced by our Mammalian expression system and the target gene encoding Gln56-Leu215 is expressed with a mFc, 6His tag at the C-terminus. Mouse HLA class II histocompatibility antigen gamma chain (CD74), is a single-pass type II membrane protein that in humans is encoded by the CD74 gene. It contains 1 thyroglobulin type-1 domain. 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 compartments where peptide loading of class II takes place.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QQQGRLDKLTITSQNLQLESRLMKLPKSAKPVSQMRMATPLLMRPMMDNMLLGPVKNVTKYGNMTQDHVM  
HLLTRSGPLEYPQLKGTFPENLHLKNSMDGVNWKIFESWMKQWLLFEMSKNSLEEKPTAPPKEPLDMEDL  
SSGLGVTRQELGQVTLGTGGGGSGGGSGSTVPEVSSVFIFPPKPKDVLMITLTPKVTCTVVDISKDDPEVQFS  
WVVDDEVTHTAQTPREEQFNSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYT  
IPPPKEQMAKDKVSLTCMITDFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVQKSNWEAGNTF  
TCSVLHEGLHNNHTEKSLSHSPGKHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.