

PRODUCT INFORMATION

Target	CD94
Synonyms	KLRD1
Description	Recombinant mouse CD94 Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O54707
Expression Host	HEK293
Tag	N-Human Fc tag
Molecular Characterization	hFc(Glu99-Ala330) Mouse CD94(Ile32-Ile179)
Molecular Weight	The protein has a predicted molecular mass of 43.4 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Predicted to enable HLA-E specific inhibitory MHC class Ib receptor activity; MHC protein complex binding activity; and protein antigen binding activity. Predicted to be involved in natural killer cell mediated immunity; regulation of leukocyte mediated cytotoxicity; and stimulatory C-type lectin receptor signaling pathway. Located in external side of plasma membrane. Orthologous to human KLRD1 (killer cell lectin like receptor D1). [provided by Alliance of Genome Resources, Apr 2025]
Usage	Research use only



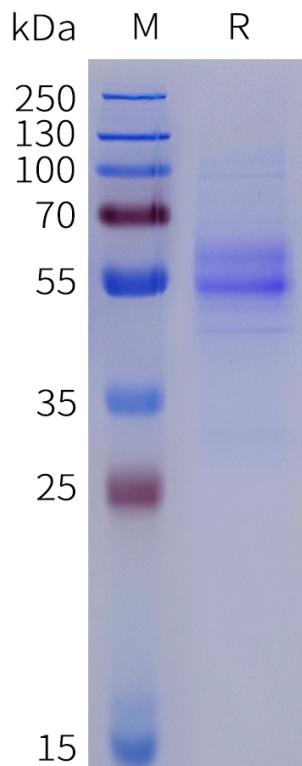


Figure 1. Mouse CD94 Protein, hFc Tag on SDS-PAGE under reducing condition.

