

sCD4, human recombinant protein

gp55, HLA-2, L3 / T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4, CD4mut.

Catalog # PBV10502r

Specification

sCD4, human recombinant protein - Product info

Primary Accession	P01730
Concentration	4

sCD4, human recombinant protein - Additional Info

Gene ID	920
Gene Symbol	sCD4
Other Names	
gp55, HLA-2, L3 / T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4, CD4mut.	
Gene Source	Human
Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; 332 µg /ml sterile filtered solution containing 10 mM sodium phosphate buffer, pH 7.0, 300 mM NaCl and 0.01% Tween-80

sCD4, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

sCD4, human recombinant protein - Images**sCD4, human recombinant protein - Background**

CD4 is a cell-surface glycoprotein found on the mature helper T cells and immature thymocytes, as well as on monocytes and macrophages. (Some cytotoxic T cells have CD4 protein as well.) Normally, about 65% of T cells in the blood are CD4+ (have CD4 protein protruding from their membrane). A mature T cell will have either CD4 or CD8, but not both. During one stage of

development T cells develop CD4 and CD8 receptors, but they eventually are differentiated in the thymus and become more specialized.

sCD4, human recombinant protein - References

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Littman D.R.,et al.Cell 55:541-541(1988).
Ansari-Lari M.A.,et al.Genome Res. 6:314-326(1996).
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Hodge T.W.,et al.Hum. Immunol. 30:99-104(1991).