

## Recombinant Partial mutated mouse ICOS- mouse Fc fusion protein (mouse F119S ICOS-Fc)

Extra-cellular portion of mutated mouse ICOS (CD278) fused with mouse Fc.

In the ICOS sequence the aminoacid substitution F119S is present.

Catalog Number: 016

Expression Host: HEK 293 cells

Species: Mouse

Endotoxin Level: Endotoxin-free preparation

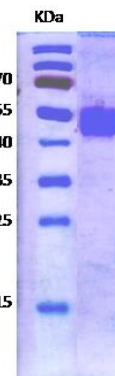
Formulation: Liquid, PBS pH 7.4

Sterile filtration 0,22µm

Storage Conditions: ≤-15°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Tag: SV5 (C-term)

Protein concentration: 0.65 mg/ml



SDS-page, reducing conditions

### References:

Clemente N, Boggio E, Gigliotti LC, Raineri D, Ferrara B, Miglio G, Argenziano M, Chiocchetti A, Cappellano G, Trotta F, Caldera F, Capucchio MT, Yagi J, Rojo JM, Renò F, Cavalli R, Dianzani C, Dianzani U. Immunotherapy of experimental melanoma with ICOS-Fc loaded in biocompatible and biodegradable nanoparticles. *J Control Release*. 2020 Apr 10;320:112-124. doi: 10.1016/j.jconrel.2020.01.030.

Dianzani C, Minelli R, Gigliotti CL, Occhipinti S, Giovarelli M, Conti L, Boggio E, Shivakumar Y, Baldanzi G, Malacarne V, Orilieri E, Cappellano G, Fantozzi R, Sblattero D, Yagi J, Rojo JM, Chiocchetti A, Dianzani U. B7h triggering inhibits the migration of tumor cell lines. *J Immunol*. 2014 May 15;192(10):4921-31. doi: 10.4049/jimmunol.1300587.

Gigliotti CL, Boggio E, Clemente N, Shivakumar Y, Toth E, Sblattero D, D'Amelio P, Isaia GC, Dianzani C, Yagi J, Rojo JM, Chiocchetti A, Boldorini R, Bosetti M, Dianzani U. ICOS-Ligand Triggering Impairs Osteoclast Differentiation and Function In Vitro and In Vivo. *J Immunol*. 2016 Nov 15;197(10):3905-3916. doi: 10.4049/jimmunol.1600424.

Occhipinti S, Dianzani C, Chiocchetti A, Boggio E, Clemente N, Gigliotti CL, Soluri MF, Minelli R, Fantozzi R, Yagi J, Rojo JM, Sblattero D, Giovarelli M, Dianzani U. Triggering of B7h by the ICOS modulates maturation and migration of monocyte-derived dendritic cells. *J Immunol*. 2013 Feb 1;190(3):1125-34. doi: 10.4049/jimmunol.1201816.

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