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32-13231: FCMR Human

Alternative Name : Fas apoptotic inhibitory molecule 3, IgM Fc fragment receptor, Regulator of Fas-induced apoptosis Toso, FAIM3, TOSO.

Description

Source: Escherichia Coli.
Filtered White lyophilized (freeze-dried) powder.
Fas apoptotic inhibitory molecule 3 or FCMR takes part in processes occurring within the immune system. The FCMR is protecting cells from apoptosis that is induced by FADD, FAS and TNF alpha proteins, without over expressing inhibitors of apoptosis such as BCLXL or BCL2.Â FCMR activates an inhibitory pathway that inhibits CASP8 activation, instead of blocking apoptotic signals downstream.
FCMR Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 18-250) containing 243 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 27.2kDa (calculated).

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	FCMR filtered (0.4 µm) and lyophilized from 0.5mg/ml in 50mM acetate buffer, pH 4. It is recommended to add 0.1M acetate buffer, pH 4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. In higher concentrations the solubility of this antigen is limited.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	MKHHHHHHAS RILPEVKVEG ELGGSVTIKC PLPEMHVRIY LCREMAGSGT CGTVVSTTNF IKAEYKGRVT LKQYPRKNLF LVEVTQLTES DSGVYACGAG MNTDRGKTQK VTLNVHSEYE PSWEEQPMPE TPKWFHLPYL FQMPAYASSS KFVTRVTTPA QRGKVPPVHH SSPTTQITHR PRVSRASSVA GDKPRTFLPS TTASKISALE GLLKPQTPSY NHHTRLHRQR ALDYGSQSGR EGQ.

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