

ELISA Kit FOR Low affinity immunoglobulin gamma Fc region receptor III-B

Description

Gene name:	FCGR3B(CD16B;FCG3;FCGR3;IGFR3);
Protein name:Alternative: CD:	Low affinity immunoglobulin gamma Fc region receptor III-B; IgG Fc receptor III-1;Fc-gamma RIII-beta(Fc-gamma RIII;Fc-gamma RIIIb;FcRIII;FcRIIIb);FcR-10; CD16b;
Organism:	Human (Homo sapiens).

General Annotation

Sub Unit:	Monomer. Interacts with INPP5D/SHIP1.
Function:	Receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Subcellular Location:	Cell membrane Lipid-anchor GPI-anchor Secreted Secreted after cleavage.

Protein Attributes:

Sequence length:	233
Sequence:	
50:	MWQLLLPTAL LLLVSA GMRT EDLPKA VVFL EPQW YSVLEK DSVTLK CQGA
100:	YSPEDNSTQW FHNESLISSQ ASSYFIDA AT VNDSGEYRCQ TNLSTLSDPV
150:	QLEVHIGW LL LQAPRW VFKE EDPIHLRCHS WKNTALHKVT YLQNGKDRKY
200:	FHHNSDFHIP KATLKDSGSY FCRGLVGSKN VSSETVNITI TQGLA VSTIS
233:	SFSPPGYQVS FCLVMVLLFA VDTGLYFSVK TNI
3D Structure:	N/A

Related Databases

UniGene:	Hs.372679
STRING:	9606.ENSP00000294800
MIM:	610665
KEGG:	hsa:2215
SMR:	O75015
UniGene:	Hs.694258
String:	O75015

References
