
Product Data Sheet

Product Name: FCGR2B Human

Cat. No.: GP23480

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD32; CD32B; FCG2; FCGR2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-b; CDw32; Fc-gamma-RIIb; FcRII-b.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMAPPKA VLKLEPQWIN VLQEDSVTLT CRGTHSPESD SIQWFHNGNL IPTHTQPSYR FKANNNDSGE YTCQTGQTSL SDPVHLTVLS EWLVLQTPHL EFQEGETIVL RCHSWKDKPL VKVTFQNGK SKKFSRSDPN FSIPQANHS S GDYHCTGNI GYTLYSSKPV TITVQAP.		
Formulation	FCGR2B protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.		

Introduction

FCGR2B is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. FCGR2B participates in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. FCGR2B Expressed in monocyte, neutrophils, macrophages, basophils, eosinophils, Langerhans cells, B-cells, platelets cells and placenta (endothelial cells). Variants in FCGR2B may increase susceptibility to systemic lupus erythematosus (SLE).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

FCGR2B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 197 amino acids (46-217a.a.) and having a molecular mass of 22.0kDa. FCGR2B is fused to a 25 amino acid His-tag at N-terminus & purified by

Caution: Product has not been fully validated for medical applications. For research use only.

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proprietary chromatographic techniques.

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