Native Human Kappa Light Chain

Cat. No. IGK-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified from human myeloma urine.
Species	Human
Source	Myeloma urine
Description	Constant region of immunoglobulin light chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens.
Applications	ELISA
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 centigrade on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 centigrade for short term use (up to 4 weeks) and store the remaining aliquots at -20 centigrade. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Concentration	5.0 mg/ml
Preservative	<0.1% Sodium Azide (NaN3)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	IGKC immunoglobulin kappa constant [Homo sapiens (human)]
Official Symbol	IGKC
Synonyms	IGKC; IGK; Immunoglobulin kappa constant; Ig kappa chain C region; Ig kappa chain C region AG; Ig kappa chain C region CUM; Ig kappa chain C region EU; Ig kappa chain C region OU; Ig kappa chain C region ROY; Ig kappa chain C region TI; IGKC; Km; HCAK1; IGKCD
Gene ID	3514
MIM	147200
UniProt ID	P01834

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