

Product datasheet for **TP726755**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Ig lambda constant 2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly1-Ser106
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Immunoglobulin Lambda Constant 2 is produced by our Mammalian expression system and the target gene encoding Gly1-Ser106 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Ig Lambda C Domain; IGLC; IGLC2; immunoglobulin lambda constant 2 (Kern-Oz- marker); MGC20392; MGC45681
Summary:	Immunoglobulin lambda constant region is 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. IGLC2 is 105 amino acids (aa) in length. It contains one Ig-like domain (aa 7-100) and generates a disulfide bond with an IgH chain via Cys104.



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