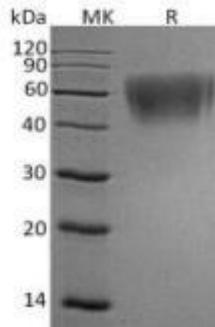


Recombinant Human ICOSLG(C-6His)

Catalog#:P01520 Derived from Human Cells

DESCRIPTION	<p>Recombinant Human Inducible Co-Stimulator Ligand is produced by our Mammalian expression system and the target gene encoding Asp19-Ser258 is expressed with a 6His tag at the C-terminus.</p> <p>Accession#: O75144</p> <p>Known as: ICOS Ligand; B7 Homolog 2; B7-H2; B7-Like Protein G150; B7-Related Protein 1; B7RP-1; CD275; ICOSLG; B7H2; B7RP1; ICOSL; KIAA0653</p>
FORMULATION	<p>Lyophilized from a 0.2µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.2.</p>
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100µg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:27.72kDa AP Mol Mass:40-70kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.</p>
BACKGROUND	<p>Inducible Co-Stimulator Ligand (ICOSLG) belongs to the immunoglobulin superfamily. ICOSLG contains Ig-like C2-type (immunoglobulin-like) domain and 1 Ig-like V-type (immunoglobulin-like) domain. ICOSLG acts as a costimulatory signal for T-cell proliferation and cytokine secretion, it also induces B-cell proliferation and differentiation into plasma cells. It could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function. ICOSLG is widely expressed lymph nodes, leukocytes and spleen, detected on activated monocytes and dendritic cells.</p>
<p style="text-align: center;">SDS-PAGE</p>  <p>The SDS-PAGE gel shows molecular weight markers on the left at 120, 90, 60, 40, 30, 20, and 14 kDa. Two lanes are shown: MK (Molecular Weight Marker) and R (Recombinant protein). The R lane shows a single, prominent band at approximately 60 kDa, consistent with the expected molecular weight of the recombinant protein.</p>	