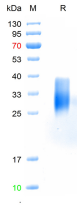
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

Recombinant human TNFRSF14 protein, C-His (HEK293)

Catalog Number:	bs-43562P
Concentration:	>0.72mg/ml
AA Seq:	39-202/283
Predicted MW:	18.4
Tags:	C-His
Activity:	Not tested
Endotoxin:	Not analyzed
Purity:	>90% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	PBS (pH7.4). Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	TNFRSF14 is a type I membrane protein belonging to the TNF receptor superfamily. This receptor mediates herpes virus entry into cells during infection. TNFRSF14 is able to inhibit the proliferation, activation, and cytokine production of T cells. It has an extracellular domain containing several cysteine-rich repeats and a short cytoplasmic region containing a TRAF (TNF receptor-associated factor) interaction domain. The extracellular domain of TNFRSF14 interacts with the herpes simplex virus envelope glycoprotein D. TNFRSF14 binds two cellular ligands: lymphotoxin alpha and LIGHT. LIGHT is a transmembrane protein expressed and shed from the surface of activated T cells, exhibits inducible expression, and competes with HSV glycoprotein D for HVEM, a receptor expressed by T lymphocytes. The LIGHT:TNFRSF14 interaction controls immune response functions by cell death induction as well as cell activation. TNFRSF14 is expressed by peripheral blood T cells, B cells, monocytes and in various tissues enriched in lymphoid cells.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.