

ChemWhat Recombinant Human Herpesvirus Entry Mediator A brand under Watson

A Fc Chimera/TNFRSF14 (rHuHVEM-Fc/TNFRSF14)

ChemWhat Technical Data Sheet (TDS)

Catalog Number:	103-21RFC
Source:	<i>Pichia. Pastoris.</i>
Molecular Weight:	Approximately 58 kDa, a glycosylated polypeptide chain containing 396 amino acids. But it migrates with an apparent molecular mass of 70 kDa in SDS-PAGE under reducing conditions.
Quantity:	20µg/100µg/1000µg
AA Sequence:	LPSCKEDEYP VGSECCPKCS PGYRVKEACG ELTGTVCEPC PPGTYIAHLN GLSKCLQCQM CDPAMGLRAS RNCSTENAV CGCSPGHFCI VQDGDHCAAC RAYATSSPGQ RVQKGGTESQ DTLCQNCPPG TFSPNGTLEE CQHQTKCSWL VTKAGAGTSS SHWVEPKSSD KTHTCP CPA PEFEGAPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPTP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQPENNY KTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCVMHEA LHNHYTQKSL SLSPGK
Purity:	> 95 % by SDS-PAGE and HPLC analyses.
Biological Activity:	Fully biologically active when compared to standard. The biologically active as determined by its ability to inhibit TNF-beta -mediated cytotoxicity using murine L929 cells.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH7.4, with 3 % Trehalose.
Endotoxin:	Less than 0.1 EU/µg of rHuHVEM-Fc/TNFRSF14 as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C . Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">● 12 months from date of receipt, -20 to -70 °C as supplied.● 1 month, 2 to 8 °C under sterile conditions after reconstitution.● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. NOT FOR HUMAN USE.

Human Herpesvirus Entry Mediator A/TNFRSF14

Herpesvirus entry mediator A (HVEM), also referred to as TNFRSF14, TR2 (TNF receptor-like molecule) and ATAR (another TRAF-associated receptor), is a type I transmembrane protein belonging to the TNF receptor superfamily. HVEM expression has been detected in peripheral blood T cells, B cells, monocytes and in various tissues enriched in lymphoid cells.