

Recombinant Human Tumor necrosis factor ligand superfamily member 12(TNFSF12),partial

Catalog No: #AP70869

Package Size: #AP70869-1 20ug #AP70869-2 100ug #AP70869-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Tumor necrosis factor ligand superfamily member 12(TNFSF12),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:43-149aaSequence Info:Extracellular Domain
Other Names	APO3 ligandTNF-related weak inducer of apoptosis ;TWEAK
Accession No.	O43508
Calculated MW	27.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SLGSRASLSAQEPAQEELVAEEDQDPSELNPQTEESQDPAPFLNRLVRPRRSAPKGRKTRARRAIAAHYEVH PRPGQDGAQAGVDGTVSGWEEARINSSSPLRYNRQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Binds to FN14 and possibly also to TNFRSF12,APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines. Promotes IL8 secretion.

References

Crystal structure of human TWEAK in complex with the Fab fragment of a neutralizing antibody reveals insights into receptor binding.Lammens A., Baehner M., Kohnert U., Niewoehner J., von Proff L., Schraeml M., Lammens K., Hopfner K.P.PLoS ONE 8:E62697-E62697(2013) Research Topic:Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.