

Recombinant human Breast cancer metastasis-suppressor 1

Catalog No: #AP71859

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Package Size: #AP71859-1 20ug #AP71859-2 100ug #AP71859-3 1mg

Description

Product Name	Recombinant human Breast cancer metastasis-suppressor 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-235aaSequence Info:Partial
Accession No.	Q9HCU9
Uniprot	Q9HCU9
GeneID	25855;
Calculated MW	54.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MPVQPPSKDTEEMEAEGDSAAEMNGEEEESEEEERSGSQTESEEEESSEMDDDEDYERRRSECVSEMLDLEKQ FSELKEKLFRRERLSQLRLRLLEEVGAEAPEYTEPLGGLQRSLKIRIQVAGIYKGFCLDVIRNKYECELQGAKQHL ESEKLLLYDTLQGELQERIQRLEEDRQSLDLSSEWWDKHLHARGSSRSWDSLPPSKRKKAPLVSGPYIVYML QEIDILEDWTAIKKARAA
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

Transcriptional repressor. Down-regulates transcription activation by NF-kappa-B by promoting the deacetylation of RELA at 'Lys-310'. Promotes HDAC1 binding to promoter regions. Down-regulates expression of anti-apoptotic genes that are controlled by NF-kappa-B. Promotes apoptosis in cells that have inadequate adherence to a substrate, a process called anoikis, and may thereby inhibit metastasis. May be a mediator of metastasis suppression in breast carcinoma.

References

Functional evidence for a novel human breast carcinoma metastasis suppressor, BRMS1, encoded at chromosome 11q13.Seraj M.J., Samant R.S., Verderame M.F., Welch D.R.Cancer Res. 60:2764-2769(2000)Research Topic:Apoptosis

Note: This product is for in vitro research use only