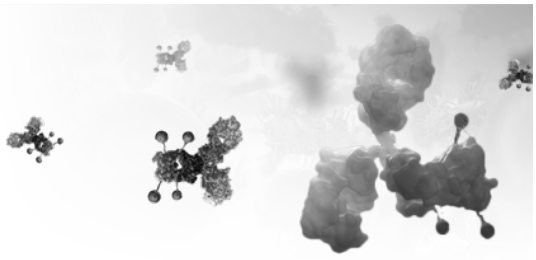

Human BSG peptide (DAG-P0286)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Specificity	Present only in vascular endothelium in non-neoplastic regions of the brain, whereas it is present in tumor cells but not in proliferating blood vessels in malignant gliomas.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	BSG basigin (Ok blood group) [Homo sapiens (human)]
Official Symbol	BSG
Synonyms	BSG; basigin (Ok blood group); M6; OK; 5F7; TCSF; CD147; EMMPRIN; basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor;
Entrez Gene ID	682
mRNA Refseq	NM_001728.3
Protein Refseq	NP_001719.2
UniProt ID	P35613
Chromosome Location	19p13.3
Pathway	Basigin interactions, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Degradation of the extracellular matrix, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Hemostasis, organism-specific biosystem; Integrin cell surface interactions, organism-specific biosystem; Matrix Metalloproteinases, organism-specific biosystem; Metabolism, organism-specific biosystem; Pyruvate metabolism, organism-speci
Function	mannose binding; protein binding;

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