

Recombinant Human CD326 protein(His Tag)

Catalog Number:PKSH034180



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	EPCAM;DIAR5;EGP-2;EGP314;EGP40;ESA;HNPCC8;KS1/4;KSA;M4S1;MIC18;MK-1;TACSTD1;TROP1
Species	Human
Expression Host	E.coli
Sequence	Gln 24-Lys 265
Accession	P16422
Calculated Molecular Weight	28.4 kDa
Observed molecular weight	30 kDa
Tag	C-His
Bioactivity	Measure by the ability of the immobilized protein to support the adhesion of the 3T3 cells.The ED ₅₀ for this effect is 0.2-1.7 ng/mL.

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS,pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E.

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