Recombinant Human ITGA4 & ITGB7 protein, His-tagged

Cat. No. ITGA4 & ITGB7-162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA4 & ITGB7 protein(P13612-1(ITGA4) & P26010-1(ITGB7))(Tyr 34 - Thr 977 (ITGA4) & Glu 20 - His 723 (ITGB7)) is expressed from human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Tyr 34 - Thr 977 (ITGA4) & Glu 20 - His 723 (ITGB7)
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	It has a calculated MW of 111.4 kDa (ITGA4) and 81.8 kDa (ITGB7).
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) [Homo sapiens]
Official Symbol	ITGA4
Synonyms	ITGA4; integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor); CD49D; integrin alpha-4; CD49d; 269C wild type; integrin alpha 4; integrin alpha-IV; VLA-4 subunit alpha; integrin alpha-4 subunit; CD49 antigen-like family member D; antigen CD49D, alpha-4 subunit of VLA-4 receptor; very late activation protein 4 receptor, alpha 4 subunit; IA4; MGC90518;
Gene ID	3676
mRNA Refseq	NM_000885
Protein Refseq	NP_000876
MIM	192975
UniProt ID	P13612

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