

Recombinant Human ZNRF3 Protein (56-219 aa), His-SUMO-tagged

Cat. No. ZNRF3-1910H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZNRF3 Protein (56-219 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	56-219 aa
Description	E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination and subsequent degradation of Wnt receptor complex components Frizzled and LRP6. Acts on both canonical and non-canonical Wnt signaling pathway. Acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone.
Form	Tris-based buffer,50% glycerol
Molecular Mass	34.2 kDa
AA Sequence	KETAFVEVVLFESSPSGDYTTYTTGLTGRFSRAGATLSAEGEIVQMHPLGLCNNNDE EDLYEYGWVGVVKLEQPELDPKPCCLTVLGKAKRAVQRGATAVIFDVSENPEAIDQLN QGSEDPLKRPVVYVKGADAIKLMNIVNKQKVARARIQHRPPRPQTEYFDM

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	ZNRF3 zinc and ring finger 3 [Homo sapiens]
Official Symbol	ZNRF3
Synonyms	RNF203; BK747E2.3;
Gene ID	84133
mRNA Refseq	NM_032173.3
Protein Refseq	NP_115549.2
MIM	612062
UniProt ID	Q9ULT6

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